

Schools	Activities	Date
Belmont Street	Summer Reading Kick Off Assemblies-each child receives a free book, connect ed to parents	June 14 and June 17
Burncoat Prep.	Summer Reading Kick Off Assembly, A packet will go home with summer reading guidelines for each grade level. Each student will choose a book to take home from the Monfredo book donations. Students will be reminded of the qualifications to participate in our annual Summer Reading Challenge and celebration in the fall.	
Burncoat Middle	Classroom activities will include: a Reader's Tea, a scavenger hunt, book talks, creating a bookmark, a book trailer, Graffiti Wall/Chalk Talk - student recommend books to their classmates	June 10 through 14 in ELA classrooms
Burncoat High School	All rising grade 11 & 12 students will be receiving through their ELA classes the book Basketball Junkie as a part of a school wide-read leading into a visit by author Chris Herron	
Canterbury Street	School-wide book swap, summer reading packets sent home	June 12th
Chandler Elementary	School-wide book swap, summer parent workshop K-2, summer packets sent home 3-6	June 12th
Chandler Magnet	Reading lists sent home. Each child will get at least two books to add to their home libraries from Mr. Monfredo's donations, PTO donations, and use of earned Scholastic Dollars.	6-17
City View	Summer Reading Kickoff (Charitable book donations for all students from a private organization and John Monfredo's generous donations) Reading Packet will be sent home with all students consisting of: Tips for preventing the Summer Slide and a Challenge - Can You Read 100 Books This Summer?	June 10th & 18th Summer Kickoff
Claremont Academy	Move up day: Students visit the team of teachers they will have for the next year and are provided with all summer work assignments including Summer Reading. At middle school level summer reading will be a part of the Spree Day events.	June 17, 2019
Clark Street	-Mystery Guest Reading in P.K-5 on 6/18 -All call every Sunday over the Summer to remind students and families of the importance of reading -Book give-away last 2 days of school	
Columbus Park	Worcester Public Childrens' Room Librarian will attend Flag Day Program to give an overview of their summer reading initiative. School-wide assembly will be held 6/17 to kick off our school wide summer reading and math challenge.	June 12th and June 17th

	<p>Summer Reading Kickoff: Friday June 14th: Teachers will introduce the several activity choices students will have for their summer reading assignments. Activities include: A college/job application filled out by character, cartoon/comic strip based on a text; a music soundtrack for a text, original poetry based on a text; double entry journals, a movie poster based on a text; a character journal or blog, a travel brochure based on a text, and illustrated quotes. Teachers will discuss in depth the criteria for each activity. Aside from this, teachers will raise awareness about the Worcester Public Library and all of the resources they have to offer students over the summer (such as audio books, free downloads, etc..)</p>	<p>June 10-14</p>
<p>Doherty High School</p>	<p>school-wide book swap School-wide book swap, summer packets sent home 3-6</p>	<p>June 12th</p>
<p>Elm Park</p>	<p>Summer Reading Kickoff: Monday, June 17 - Reading Buddies will picnic and read together. Classroom Teachers will visit the classrooms of incoming students to promote summer reading and share summer work packets (Reading and Mathematics). All students will choose a book to take home; a school-wide swap of those texts will take place in August. ConnectEd calls over the summer to promote reading.</p>	<p>Monday, June 17</p>
<p>Flagg Street</p>	<p>Summer Reading Kickoff: Scholastic Book Fair for summer reading (June 3- June 7). ELA teachers provide students with the summer reading activities' handout and WPL summer reading brochure. Using Eno Board, teachers walk students through library website with book guides, online books, and other reading resources.</p>	<p>Monday, June 3</p>
<p>Forest Grove Middle</p>	<p>"Bingo for Books"</p>	<p>June 12, 2019</p>
<p>Gates Lane</p>	<p>Students will create and hang posters for recommende books for summer reading. They will also meet with their English teachers to select a recommende book for reading.</p>	<p>June 14, 2019</p>
<p>Gerald Creamer Center</p>	<p>Grade level assembly to promote/share summer reading expectations, Kindergarten and Preschool Open Houses to include expectations, Spree Day center to include celebrations of reading, "book talks" (part of Reading Workshop) to be conducted 1x week in classrooms, on selected books (based on recommended summer readings), "Staff Share Display" to be displayed in lobby to promote what staff will read over the summer months.</p>	<p>for</p>
<p>Goddard School</p>		

	<p>Summer Reading: June 11 High school volunteers will be reading to K-2. Grades 3-6 will read and write with volunteers. (Collaboration with Friendly House) June 12th Books for Bingo. Families are invited to Friendly House to play bingo, eat dinner and win some books. (Thanks to Friendly House for the book donations) June 13 Free Book Freezer - After field day students will choose a book to read and receive a freeze pop. (Thanks to donations from Mr. Monfredo)</p>	<p>June 11 - June 13th</p>
<p>Grafton St.</p>	<p>Books & Beyond Ceremony, Bravehearts Players will read to each class presenting Summer Reading</p>	<p>June 7 and June 17</p>
<p>Heard St.</p>	<p>Kindergarten and Pre-K Open House - expectations for reading, Worcester Public Library - will set up a table at Fun and Fitness Day, Book distribution to students, and Connect Ed calls to promote summer reading</p>	
<p>Jacob Hiatt</p>	<p>Schoolwide Summer Reading Kickoff. Every student will leave with a folder and materials necessary in being successful in fulfilling summer reading requirements. In addition, grades K-2 will leave with donated books of interest to them as well as models/materials. Grades 3-6 will be provided with 1 class 1 book and CIA Quadrant tasks as part of summer reading.</p>	<p>June 13th 1:00pm</p>
<p>Lake View</p>	<p>Kinder reading event to kick off summer reading importance. Connect-Ed phone calls to go out everyother monday through out the summer. At our end of the year PBIS ceremonies by grade summer reading will be addressed</p>	
<p>Lincoln Street</p>	<p>June 5th K open house distribute books, packets and information regarding importance of summer reading. June 13th school wide assembly with Bravehearts and Pirates mascots and staff. Distribute books to all students emphasizing the importance of summer reading.</p>	
<p>May Street</p>	<p>School wide assembly kick off June 5th. Kin Open House information June 5th. Multiple Connect Eds to families. Classroom Based activities. Last day whole school assembly reminders! Summer packets and teacher letters</p>	<p>June 5-end of school year</p>
<p>McGrath</p>	<p>Informational session on June 6th at 8:30 am with parents regarding the importance of summer reading and a review of the WPS requirements. Books and Beyond Medal Ceremony will be held at 9:00. From 10:30 - 11:30 students pretend to go to the beach with a book, sunglasses and towel and go outside to read. We have book giveaways and beach pail giveaways that include reading materials and summer fun activities.</p>	
<p>Midland School</p>		

<p>Nelson Place</p>	<p>Each student will receive a book of their choice to take home and read for summer reading. Books will be set up on tables in our common learning areas, divided by grade level, and students can select their own. All teachers will complete a form about their favorite book and these will all be displayed in the building. Summer reading packets will go home with report cards on the last day of school.</p>	
<p>New Citizen Center Secondary</p>	<p>NCC teachers will conduct classroom based summer reading kickoff events.</p>	<p>6/10-6/11</p>
<p>New Citizen Center Young Adult</p>	<p>NCC YA will be having Bingo for Books as a kick off to the Summer Reading Program. It will be on June 7th as part of our Multicultural Day if Sharing.</p>	<p>June 7th</p>
<p>Norrback Ave</p>	<p>Share summer reading expectations during PreK & K Open House. Books distributed to students for summer reading. Cross grade level books talks and book recommendations for summer reading. ConnectEd reminders for summer reading. Grade level newsletters to highlight importance of summer reading and summer reading requirements.</p>	
<p>North High School</p>	<p>English teachers will conduct classroom based kickoff events.</p>	<p>week of June 3-7</p>
<p>Quinsigamond</p>	<p>Classroom teachers will kick off with getting students excited about summer reading by students picking a free book and all students will be sent home by grade level summer activities</p>	<p>June 18th</p>
<p>Rice Square</p>	<p>Whole School Kick-Off assembly in gymnasium. Each child will receive a book and reading program information will be shared.</p>	
<p>Roosevelt</p>	<p>Community Reading Day on June 7th. Readers will read aloud and share their love of reading with students. Conner-Ed call will also go out, and Summer reading will be highlighted in the final parent newsletter.</p>	<p>Friday, June 7</p>
<p>South High School</p>	<p>South High will be designating English classes to recommend books.</p>	<p>June 15th</p>
<p>Sullivan Middle School</p>	<p>We are preparing a bin with new and used book and students will have an opportunity to choose from the bin. Some students have used books from this bin before, they are being encouraged to return the book after reading it and then choose a new one.</p>	<p>Month of June</p>
<p>Tatnuck Magnet</p>	<p>By grade level: Books sent home; Book Tasting; Beach Party; Syke with Author; celebrate and get excited to read through distribution of books and summer reading pamphlets by grade level</p>	<p>June 5-June 18</p>

Thorndyke Road	Summer Reading Picnic Kick- each child receives a free book, Entire school community reads for 20 minutes outside and a connect ed message sent home each week during the summer to remind students to read every day, and WPS summer reading information is shared on the last day.	Monday, June 17th
Union Hill	Summer Reading Kickoff: June 14, 2019 Children and families will have the opportunity to choose a few books for summer reading. Children will also explore the WPS Summer Rading website.	Friday, June 14th
University Park Campus	Summer reading kickoff: English classes dedicated a class period to preview books. They are able to borrow from the school, the Goddard branch of the WPL, or select from free books provided by school committee member Monfredo.	Thursday June 6
Vernon Hill	Summer Reading Kick Off event Thursday June 13th from 6-8 free admission. Families and Community partners will have the opportunity to meet and discuss summer programs. Families will be presented with summer reading activities, free books and summer work for students. Music, Games, Activities, Raffles, and Food will be available.	Thursday June 13th
Wawecus Road	School wide assembly celebrating summer reading. We also motivate them by promoting Wawecusland. The principal also send out weekly reminders during the summer.	
West Tatnuck	Each grade level team meets with the incoming class to discuss summer reading expectations. The WPS summer reading information is shared. A connect ed message will be sent throughout the summer.	June 17th
Woodland Academy	Summer Reading Kick off Assembly- each student receives a book, connect ed message sent home and WPS summer reading information shared	June 17
Worcester Arts Magnet	Summer reading book shopping event: Every student will receive 2 books of their choice. Next-year parent teacher meetings held throughout the month of June to discuss grade level expectations as well as summer reading expectations.	Friday June 14, 2019
Worcester East Middle School	ELA and reading teachers will present summer reading kick-off in classes	
Worcester Technical H.S.	WTHS ELA department is dedicating English classes to preview book selections and review summer reading requirements. We have posted flyers around the building.	Week of June 10th

Where can I find books?

- Worcester Public Library
- Libby and Lily Mobile Libraries
- Borrow and take suggestions from friends!
- Summer Programs
- Bookstores such as Barnes & Noble and Amazon
- Goodwill and Salvation Army
- E-Books
- Digital Books

Visit the *summer reading website for more information!*

<https://sites.google.com/worcesterschools.net/summerreading>

Summer Reading Requirement for Grades 9-12:

- Read at least 3 Books or 800 Pages
- Three Activities
- Summer Reading is 10% of your first quarter ELA grade!

9th Grade Honors Recommendations

A Gathering of Flowers: Stories About Being Young in America by Thomas Dune by Herbert
Fallen Leaves by Yen Mah
Girl With a Pearl Earring by Chevalier
I know Why the Caged Bird Sings by Angelou
Rebecca by du Maurier

10th Grade Honors Recommendations

A Lesson Before Dying by Gaines
Mists of Avalon by Bradley
Oliver Twist by Dickens
Silent Spring by Carson
The Complete Stories by O'Connor
The Chosen by Potok
The Once and Future King by White
Their Eyes Were Watching God by Hurston

11th Grade Honors Recommendations

A Farewell to Arms by Hemingway
Beloved by Morrison
Collected Stories by O'Connor
John Adams by McCullough
Native Son by Wright
The Autobiography of Malcolm X
The Grapes of Wrath by Steinbeck
The Joy Luck Club by Tan
The Things They Carried by O'Brien
Walden by Thoreau

12th Grade Honors Recommendations

Cold Mountain by Frazier
Crime and Punishment by Dostoyevsky
Cry the Beloved Country by Paton
Ivanhoe by Scott
Jane Eyre by Bronte
1984 by Orwell
The Hunchback of Notre Dame by Hugo
Where I'm Calling From: Selected Stories by Carver

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WORCESTER PUBLIC SCHOOLS

Summer Reading



For Students Entering
Grades 9-12

2019

Dear Parents/Guardians,

Summer reading is an exciting opportunity for students to enjoy good books. When teenagers discuss books with their parents/guardians they build new language skills, knowledge, and experiences. The Worcester Public Schools summer reading program includes a suggested reading list. Please encourage your child to explore different types of books and to read for at least 20 minutes each day. Students should submit their summer reading assignments to their teacher when school opens.

Please visit the WPS summer reading website for additional information! You can also download copies of all summer reading materials. Reading together this summer helps set the stage for future success in schooling. We appreciate your support!

Requirement for Grades 9-12:

- Read at least 3 Books or 800 Pages
- Three Activities
- Summer Reading is 10% of your first quarter ELA grade!

Happy Reading!

Maureen Binienda
Superintendent of Schools

Visit for more information:

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Historical Fiction

A Long Way from Chicago by Peck
A Night to Remember by Lord
A Northern Light by Donnelly
A Perfect Storm by Junger
All Quiet on the Western Front by Remarque
Any book by Meltzer
Black Hawk Down by Bowdoin
Blizzard by Murphy
Born of the Fourth of July by Kovic
Bull Run by Fleischman
Catch 22 by Heller
Catherine Called Birdy by Cushman
Endurance: Shackleton's Incredible Voyage by Lansing
Esperanza Rising by Ryan
Fever, 1793 by Anderson
Forty-Third War by Moran
Hiroshima by Hersey
Iceblink by Cookman
I Claudius, by Graves
In the Time of the Butterflies by Alvarez
Into Thin Air by Krakauer
Juddie by Peterson
Merchant of Venice, by Shakespeare
Mutiny on the Bounty by Nordhoff and Hall
Night by Wiesel
Overboard by Fama
Romeo and Juliet, by Shakespeare
Sunrise Over Fallujah by Myers
The Good Earth by Buck
The Killer Angels by Shaara
Things Fall Apart by Achebe
The Grave by Heneghan
3000 Degrees by Flynn
White Horse by Spinka
With Every Drop of Blood by Collier

Novels

Big Mouth & Ugly Girl by Oates
Children of the River by Crow
Love Warps the Mind a Little by Dufresne
Lupita by Myers
Monster by Myers
Story of a Girl by Zarr
That Summer by Dessen
The Chocolate War by Cormier
The Curious Incident of the Dog in the Night-Time by Haddon
The Lovely Bones by Sebald
The Secret Life of Bees by Monk Kidd
The Shimmering Queens by Yarbrough
Wintergirls by Anderson

Sports

Eleven Seconds by Roy and Swift
Fall River Dreams by Reynolds
Friday Night Lights by Blessinger
Hawk by Hawk
Hoops by Myers
Iceman by Lynch
In These Girls, Hagar is a Missile by Blas
Seabiscuit by Hildenbrand
Tangerine by Moor
The Contender by Feinstein
The Last Amateurs by Feinstein

Poetry

A Fire in my Hands by Soto
Burned/Smoke by Hopkins
Cool Salsa by Carlson
Dizzy in Your Eyes: Poems About Love by Mora
I Feel a Little Jumpy Around You by Nye
Sold by McCormick
Street Love by Myers
The Best American Poetry (multiple years) by Doty
The Collected Poems by Kuntz
The Complete Poems 1927 - 1974 by Bishop
The Lightning Dreamer by Engle
You Don't Even Know Me by Flake

Science Fiction and Fantasy

Downsiders by Shusterman
Dracula by Stoker
Ender's Game by Card
Feed by Anderson
Gathering Blue by Lowry
Harry Potter and the Order of the Phoenix by Rowling
Kindred by Butler
Leviathan (trilogy) by Westerfeld
Magic's Pawn by Lackey
Parable of the Sower by Butler
Preludes and Nocturnes by Gaiman
Proxy (series) by London
Ready Player One by Cline
Ship Breaker (series) by Baoconglin
The Crystal Cave by Stewart
The Hitchhiker's Guide to the Galaxy (series) by Adams
The Illustrated Man by Bradbury
The Left Hand of Darkness by LeGuin
The Lord of the Rings Series by Tolkien
The Night Circus by Morgenstern
The Scorpion Races by Stiefvater
The Sparrow by Russell
The Time Machine by Wells
White Cat by Black

Fiction

American Born Chinese by Yang
Beauty Queens by Bray
Best of the Best by Green
Born Confused by Desai Hidir
Buried Ocean by Soto
Crank by Hopkins
Cut by McCormick
Fat Angle by Charlton-Trujillo
For the Win by Doctorow
Gabi, A Girl in Pieces by Quintero
Girl in Translation by Kwok
Hate List by Brown
Keeshal's House by Frost
Marco's War by Davis
Monster by Myers
Nick and Norah's Infinite Playlist by Cohn and Levithan
Real Time by Kass

Reality Boy by King
Say What You Will by McGovern
Speak by Anderson
Staying Fat for Sarah Byrnes by Crutcher
The First Part Last by Johnson
The Hazelwood Trilogy by Dreppar
The Living by De la Pena
A Clockwork Orange by Burgess
Annie on My Mind by Garden
Frankenstein by Shelley
Go Ask Alice by Anonymous
Great Gatsby by Fitzgerald
Hunt for Red October by Clancy
Huckleberry Finn by Twain
Ivanhoe by Scott
Lord of the Flies by Golding
Mackerel by Moonlight by Weld
Mayor of Casterbridge by Hardy
Not Without Laughter by Hughes
Our Town by Wilder
Pudd'nhead Wilson by Twain
Slaughterhouse Five by Vonnegut
The Adventures of Sherlock Holmes by Doyle
The Last of the Mohicans by Cooper
The Matchmaker by Wilder
The Spy Who Came in from the Cold by LeCarre
Their Eyes Were Watching God by Hurston
To Set a Watchman by Lee

Nonfiction

Because They Marched by Freedman
Faces from the Past by Deem
Flash and Blood so Cheap: The Triangle Fire and Its Legacy by Marrin
Food Rules: An Eater's Manual
Letters to a Young Brother by Harper
Marvel Comics: An Untold Story by Howe
Simone's Story: An Eyewitness Account of Kidnapping of Till by Wright
Spies of Mississippi by Bowers
Sugar Changed the World by Aronson
The Immortal Life of Henrietta Lacks by Skloot
The Other Wes Moore: One Name, Two Fates by Moore
We Beat the Street by Davis
We Turned Back to See Where We Came From by Hinojosa
A Child Called It by Pelzer
A Walk in the Woods by Bryson
Across the Great River by Beltran
Arctic Odyssey by MacMillan
Barefoot Heart by Hart
Chinese Cinderella by Yen Mah
Forgotten Fire by Bagdasarian
Getting Away With Murder by Crowe
Guts by Paulsen
I Am Malala by Youssefzai
I Have Lived a Thousand Years by Jackson
I, Rigoberta Menchu by Menchu
Killing Kennedy by O'Reilly
King of the Wild Frontier by Crotcher
Look Me in the Eye: My Life with Asperger's by Robinson
No Language but a Cry by D'Ambrosio
Outermost House by Beston
Persepolis (graphic series) by Satriapi
Stronger by Bauman
Team of Rivals by Goodwin
The Greatest Generation by Brokaw
The Worcester Account by Behrman
Thousand Days by Schlesinger
When I Was a Soldier by Zeman
Who Killed my Daughter by Duncan
Zeitoun by Eggers
Zlata's Diary: A Child's Life in Wartime Sarajevo by Filipovic

Mystery and Suspense

And Then There Were None by Christie
Bel Cantu by Patchett
Burning Blue by Griffin
Coyote Walks by Hillerman
Creek by Damico
In the Middle of the Night by Cormier
Kissed by an Angel by Chandler
Looking for Rachel Wallace by Parker
Skeleton Crew by King
The Angel Experiment by Patterson
The Body of Christopher Creed by Blum-Ucci
The Disappearance by Galy
The Face on the Milk Carton by Cooney
The Killer's Cousin by Werlin
The Moonstone by Collins
The No. 1 Ladies Detective Agency by McCall
Tokyo Heist by Renn
Where Are the Children? by Clark
Zero at the Bone by Cadnum

Short Stories

Frenchtown Summer by Cormier
Complete Stories of Edgar Allan Poe
Welcome to the Monkey House by Vonnegut
The Perks of Being a Wallflower by Chbosky

Summer Reading



For Students Entering
Grades PreK and K
2019

It is important to take time to talk with your children about what they are reading. Help them develop strong reading habits and skills by using some of these questions and conversation starters:

- "I like...."
 - "This reminds me of...."
 - "I wonder...."
 - "This makes me think about...."
- What was the most exciting part of the book?**
- Who is your favorite character and why?**
- What surprised you the most about the story?**
- How is this book like one you've read before?**

Where can I find books?

- Worcester Public Library
- Libby and Lily Mobile Libraries
- Borrow and take suggestions from friends!
- Summer Programs
- Bookstores such as Barnes & Noble and Amazon
- Goodwill and Salvation Army
- E-Books
- Digital Books

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Summer Reading Requirement for Grades PreK and K:

- Read at least 5 Books each week
- Reading Log

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Happy Reading!

Maureen Binienda
Superintendent of Schools

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**The Super 7
Effective Reading Habits**

- Make Connections:** When I read I think "That reminds me of..."
- Create Images:** When I read "I picture in my mind..."
- Infer:** Even though it isn't said in the text, when I read "I know..." "I think..." or "I am guessing that..." or "I predict..."
- Monitor for Meaning:** When I get confused when I read "I can..." and "Let me review what I know..."
- Determine Importance:** When I read "I know the detail I just read is important because..."
- Synthesize:** When I read I notice things are connected and "I know this is a big idea because..." or "Aha..."
- Questioning:** When I read I ask myself questions about the book such as "I wonder why..." or "I am curious about..."



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Authors to Consider

Arnold, Ted
Asch, Frank
Bourgeois, Paulette
Brett, Jan
Bridwell, Norman
Brown, Marc
Brown- Wise, Margaret
Bunting, Eve
Carle, Eric
Christelow, Eileen
Cowley, Joy
Crows, Donald
DePaola, Tommie
Ehlert, Lois
Fleming, Denise
Fox, Mem
Freeman, Don
Gershator, Phillis
Gibbons, Gail
Henkes, Kevin
Hobbie, Holly
Hutchins, Pat
Kann, Victoria
Lionni, Leo
Martin, Jr., Bill
McCloskey, Robert
Munsch, Robert
Pfister, Marcus
Rey, H.A.
Rockwell, Anne
Sendak, Maurice
Seuss, Dr.
Shannon, David
Waddell, Martin
Wells, Rosemary
Williams, Mo
Wood, Audrey

Series to Consider

Duck and Goose
Elephant and Piggie
Madeline
Olivia

Examples of Predictable Readers

Cat on the Hat by Brian Wildsmith
Chicka, Chicka Boom, Boom by Bill Martin, Jr.
Click, Clack, Moo, Cows that Type by Doreen Cronin
Dear Zoo: A Lift-the-Flap Book by Rod Campbell
The Enormous Turnip by Alexie Tolstoy.
The Foggy, Foggy Forest by Nick Sharratt
Goodnight Moon by Margaret Wise Brown
The Gruffalo by Julia Donaldson
I Went Walking by Sue Williams
If you Give a Mouse a Cookie by Laura Numeroff
It Looked Like Spilt Milk by Charles Shaw
The Lady with the Alligator Purse adapted by Nadine Westcott
Llama Llama Red Pajama by Anna Dewdney
Millions of Cats by Wanda Ga'g
The Napping House by Don and Audrey Wood
Rhyming Dust Bunnies by Jan Thomas
Teeny Tiny by Jill Bennett
Ten Cats Have Hats by Jean Marzollo
There Was an Old Lady Who Swallowed a Fly by Simms Taback
Would You Rather... by John Burningham
Mrs. Wishy-Washy by Joy Cowley

Titles to Consider

The Bear and the Piano
Book with No Pictures
Blueberries for Sal
The Dot
Dragons Love Tacos
Du Iz Tak?
Extra Yarn
Fabulous Frogs
Finding Winnie: The True Story of the World's Most Famous Bear
Float
Fred Stays with me!
The Gardener
Giraffes Can't Dance
The Girl Who Never Made Mistakes
Harold and the Purple Crayon
Have You Heard the Nesting Bird?
Have You Seen My Dragon?
The Hello, Goodbye Window
I like Myself!
Make Way for Ducklings
Mama Played Baseball
Maple
Mix It Up!
Moo, Baa, La, La, La
Nana in the City
Ocean Animals from Head to Tail
Once Upon An Alphabet: Short Stories for All the Letters
Owl Moon
Pajama Time
The Paper Bag Princess
A Perfectly Messed-Up Story
Raising Dragons
Sam and Dave Dig a Hole
The Snowy Day
Swatch: The Girl Who Loved Color
There Is a Tribe of Kids
They All Saw a Cat
Thunder Boy Jr
Trouble with Trolls
Waiting
We Are Girls Who Love to Run
We Found a Hat
Where the Sidewalk Ends
Where the Wild Things Are

How to Choose a Good Book

1. Find a book that is interesting. Search by genre, subject, reading level, and recommendation. Visit the summer reading website for online search tools.
2. Use the 5 Finger Rule to help identify a good fit! Open your book to any page and read the words on the page. Count the number of words you do not know on your fingers. If you hold up four or five fingers the book might be too difficult. If you found a "just right" book, take it for a test drive and read a few pages or even a chapter.

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Notice and Note

Stop and ask yourself...

Contrasts & Contradictions: When a character says or does something that is opposite (contradicts) what you expect them to do ask yourself, "Why is the character acting this way?" This could help you make a prediction or an inference about the plot and conflict.

Again & Again: When notice a word, phrase, object, or situation mentioned over and over again, ask yourself, "Why does this keep showing up again and again?" This will tell you about the theme and conflict, or it might foreshadow what will happen later.

Memory Moment: When the author interrupts the action with a flashback to the past and tells you a memory, ask yourself, "Why might this memory be important?" This will tell you about the theme, conflict, or it might foreshadow what will happen later.

Aha Moment: When a character realizes, understands, or finally figures something out, ask yourself, "How might this change things?" If the character solved a problem you discovered the conflict, if the character understood a life lesson, you discovered a theme.

Words of the Wiser: When a character takes the main character aside and gives advice, ask yourself, "What's the life lesson, and how might it affect the character?" Whatever the lesson is, you've probably found a theme for the story.

Tough Questions: When a character asks himself a difficult question, ask yourself, "What does this question make me wonder about?" This will help you predict what will happen later in the story.

(Adapted from *Notice and Note* by Viviane Beckett.)

The Super 7

Effective Reading Habits

Make Connections: When I read I think "That reminds me of..."

Create Images: When I read "I picture in my mind..."

Infer: Even though it isn't said in the text, when I read "I know..." "I think..." or "I am guessing that..." or "I predict..."

Monitor for Meaning: When I get confused when I read "I can..." and "Let me review what I know..."

Determine Importance: When I read "I know the detail I just read is important because..."

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WORCESTER PUBLIC SCHOOLS

Summer Reading



For Students Entering
Grades 7 and 8
2019

Dear Parents/Guardians,

Summer reading is an exciting opportunity for students to enjoy good books. When teenagers discuss books with their parents/guardians they build new language skills, knowledge, and experiences. The Worcester Public Schools summer reading program includes a suggested reading list. Please encourage your child to explore different types of books and to read for at least 20 minutes each day. Students should submit their summer reading assignments to their teacher when school opens.

Please visit the WPS summer reading website for additional information! You can also download copies of all summer reading materials. Reading together this summer helps set the stage for future success in schooling. We appreciate your support!

Requirement for Grades 7 and 8:

- Read at least 3 Books or 800 Pages
- Three Activities
- Summer Reading is 10% of your first quarter ELA grade!

Happy Reading!

Maureen Binienda
Superintendent of Schools

Visit for more information:

<https://sites.google.com/worcesterschools.net/summerreading>

Biography / Autobiography

Amelia Lost: The Life and Disappearance of Amelia Earhart by Fleming
Bad Boy: A Memoir by Myers
Charles and Emma: The Darwins' Leap of Faith by Helligman
Claude Colvin: Twice Toward Justice by Hoese
Guts by Paulsen
Persepolis by Satriapi
Phineas Gage: A Griuesome But True Story About Brain Science by Fleischman
Red Scarf Girl: A Memoir of the Cultural Revolution by JIang
Savior by Glover
Tasting the Sky: A Palestinian Childhood by Barakat
The Greatest: Muhammad Ali by Myers
The Life and Death of Crazy Horse, by Freedman
The Power of One: Daisy Bates and the Little Rock Nine by Fradin
The Upstairs Room by Reis
Twelve Rounds to Glory: The Story of Muhammad Ali by Smith

Contemporary Fiction

Also Known as Harper by Leal
Bamboo People by Perkins
Bird by Johnson
Dicey's Song by Cynthia Voigt
Double Dutch by Draper
Drama by Telgemeier
Esperanza Rising by Ryan
Feathers by Woodson
Guys Read: Funny Business by Scieszka
Habibi by Nye
Holes by Sachar
Hoot by Haassen
Hope Was Here by Bauer
How Tia Lola Came to Stay by Alvarez
Jack Henry (series) by Gantos
Keeper by Peet
Keeping the Night Watch by Smith
Millicent Min, Girl Genius by Yee
My Life in Pink and Green by Greenwalk
Return to Slender by Alvarez
Same Stuff as Stars by Patterson
Slob by Potter
Stargirl by Spinelli
Tangerine by Bloer
The Friends by Guy
Zoobreak by Korman

Romance

And Sometimes Why by Farrell
Angel of Hope by McDaniel
Come a Stranger by Voigt
Sisterhood of the Traveling Pants by Brashares
Scribbler of Dreams by Pearson

Sports

A Whole New Ballgame: The Story of the All-American Girls Professional Baseball League by Mac
Bat 6 by Wolff
Home of the Braves by Klass
Runner by Voigt
The Contender by Lipsyte
Whale Talk by Crutcher

Historical Fiction

A Break With Charity by Rinaldi
Amos Fortune, Free Man by Yates
Catherine Called Birdy by Cushman
Climbing the Stars by Venkatraman
Dragonwings by Yep
Esperanza Rising by Munoz Ryan
Fever 1973 by Anderson
Gold Duct by Lynch
Hope's Crossing by Goodman
Hero on a Bicycle by Hughes
Incantation by Hoffmann
Inside Out and Back Again by Lai
Johnny Tremain by Esther Forbes
Keeping Corner by Sneh
Kim by Kipling
Listening for Lions by Whelan
My Brother Sam is Dead by Collier and Collier
Nightjohn by Paulsen
One Came Home by Timberlake
One Crazy Summer by Williams-Garcia
Other Side of the Truth by Naidoo
Sing Down the Moon by O'Dell
Soldier's Heart by Fleischman
Stowaway by Hesse
Sword Song by Sutcliffe
The Mostly True Adventures of Homer P. Figg by Philbrick
The Rock and the River by Magoon
The True Confessions of Charlotte Doyle by Avi
To Be a Slave by Lester
When I Crossed No-Bob by McMullan

Poetry

Locomotion by Woodson
Love That Dog by Creech
The Surrender Tree by Engle
Wachale: Poetry and Prose about Growing Up Latino by Stavans
Yes! We Are Latinos! By Ada & Campoy

Mystery

Chasing Vermeer by Balliet
The Red Blazer Girls (series) by Bell
Zora and Me by Bond
Skeleton Man by Bruchac
The Grace Mysteries (series) by Cavendish
Dead Girls Don't Write Letters by Giles
Alex Rider (series) by Horowitz
The Boy Sherlock Holmes (series) by Peacock
Liar and Spy by Stead

Informational Texts

Freedom Riders by Bausum
What the World Eats by S'Aluisio
Bodies by the Ice by Deem
We've Got a Job: The 1963 Birmingham Children's March by Levinson
Saving the Ghost of the Mountain by Montgomery
The Elephant Scientist by O'Connell and Jackson
Heroes of the Environment by Rohmer
Courage Has No Color by Stone

Myths & Legends / Fantasy / Science Fiction

Fiction

Angel Experiment by Patterson
A Tale Dark and Grimm by Gidwitz
A Wrinkle in Time by L'Engle
Artemis Fowl Series by Colfer
Books of Ember (series) by DuPrau
Breadcrumbs by Ursi
Chronicles of Narnia by Lewis
Coraline by Gaiman
Doll Bones by Black
Endymion Spring by Skelton
Fahrenheit 451 by Bradbury
Fairy Tales from the Brothers Grimm by Pullman
Found by Haddix
Gabriel by Nix
Galgamesh the Hero by McCaughrean
Harry Potter and the Sorcerer's Stone by Rowling
House of the Scorpion by Farmer
Hunger Games by Collins
In the Forests of the Night by Atwater-Rhodes
Jade Green by Naylor
Life As We Knew It by Pfeiffer
Odd and the Frost Giants by Gaiman
Outlaw: The Legend of Robin Hood by Lee
Princess of the Midnight Ball by George
Sea of Trolls by Farmer
Sunwing by Appel
Sword of Shannara by Brooks
The Beautiful Stories of Life by Rylant
The Coming of the Dragon by Barnhouse
The Dark is Rising by Cooper
The Forest of Hands and Teeth by Ryan
The Girl Who Loved Tom Gordon by King
The Golden Compass by Pullman
The Illustrated Book of Myths by Philip
The Legend of Sleepy Hollow by Irving
The Underneath by Appel
The Wizard of Earthsea by LeGuin
This Full House by Wolff
Treasury of Egyptian Mythology by Napoli
Trickster: Native American Tales by Dembicki
Uglier (series) by Westerfield

Adventure / Survival

Call of the Wild by London
Downriver by Hobbs
Reef of Death Zindel
Sasquatch by Smith
Storm Warriors by Carbon
Treasure Island by Stevenson
Wild Man Island by Hobbs

Nonfictional / Informational

Never Cry Wolf by Mowat
Blizzard: the Storm that Changed America by Murphy
Slave Narratives: The Journey to Freedom by Landau
Revenge of the Whales by Philbrick
We Were There Too by Hoese
Shipwreck at the Bottom of the World by Armstrong

How to Choose a Good Book

1. Find a book that is interesting. Search by genre, subject, reading level, and recommendation. Visit the summer reading website for online search tools.
2. Use the 5 Finger Rule to help identify a good fit! Open your book to any page and read the words on the page. Count the number of words you do not know on your fingers. If you hold up four or five fingers the book might be too difficult. If you found a "just right" book, take it for a test drive and read a few pages or even a chapter.

Where can I find books?

- Worcester Public Library
- Libby and Lily Mobile Libraries
- Borrow and take suggestions from friends!
- Summer Programs
- Bookstores such as Barnes & Noble and Amazon
- Goodwill and Salvation Army
- E-Books
- Digital Books

Summer Reading Requirement for Grades 3 and 4:

- Read at least 3 Books or 800 Pages
- Three Activities

Visit the summer reading website for more information!

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Notice and Note

Stop and ask yourself...

Contrasts & Contradictions: When a character says or does something that is opposite (contradicts) what you expect them to do ask yourself, "Why is the character acting this way?" This could help you make a prediction or an inference about the plot and conflict.

Again & Again: When notice a word, phrase, object, or situation mentioned over and over again, ask yourself, "Why does this keep showing up again and again?" This will tell you about the theme and conflict, or it might foreshadow what will happen later.

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(Adapted from *Notice and Note* by Kylene Beers.)

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Summer Reading



For Students Entering
Grades 3 and 4
2019

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Requirement for Grades 3 and 4:

- Read at least 3 Books or 800 Pages
- Three Activities

Happy Reading!

Maureen Binienda
Superintendent of Schools

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Nonfiction (Books and Authors)

Becoming Babe Ruth by Javaries
 Dave the Potter: Artist, Poet, Slave by Hill
 Dareddevil: The Daring Life of Betty Skelton by McCarthy
 Dolores Huerta y Cesar Chavez by Brown
 Farmer Will Allen and the Growing Table by Martin
 Side by Side/Lado a Lado: La Historia de Sonia Sotomayor: A Judge Grows in the Bronx by Winter
 Young Jimi Hendrix by Gollo
 Alike
 Cole, Joanna
 D'Aulaire, Ingri & Edgar
 Fritz, Jean
 Gibbons, Gail
 Heller, Ruth
 Leedy, Loreen
 Maestro, Betsy
 Macaulay, David
 McGovern, Ann
 Pinkney, Andrea
 Pringle, Laurence
 Simon, Seymour

Poetry (Books and Authors)

Guyku: A Year of Haiku for Boys by Racza
 Love to Langston by Medina
 Messing Around on the Monkey Bars by Franco
 North by Greenfield
 Tap Dancing on the Roof: Sijo by Park
 The Great Migration: Journey to the North by Greenfield
 Won-Ton: A Cat Tale Told in Haiku by Wardlaw
 Adolf, Arnold
 Alarcon, Francisco
 Fleischman, Sid
 Greenfield, Eloise
 Herrera, Juan
 Hopkins, Lee (compiler)
 Kennedy, E.J.
 Livingston, Myra Cohn
 Moss, Jeff
 Prelutsky, Jack
 Silverstein, Shel

Mystery (Books and Authors)

Adler, David
 Chandler Warner, Gertrude
 Giff, Patricia
 Hale, Bruce
 Hildick, E.W.
 Kellogg, Steven
 Landon, Luchda
 Ross, Pat
 Roy, Ron
 Seymour
 Simon, Seymour
 Sobol, Donald
 Nancy Drew Series,
 Carolyn Keene
 Hardy Boys Series, Franklin
 W. Dixon
 Third Grade Detective
 Series

Historical Fiction (Books and Authors)

Countdown by Wiles
 Dear America (series) by Scholastic
 Elijah of Buxton by Curtin
 Faith, Hope and Ivy June by Naylor
 Jefferson's Sons by Bradley
 Keeping Score by Park
 Riding Freedom by Ryan
 Sadako and the Thousand Paper Cranes by Coerr
 Scraps of Time by McKissack
 Sophia's War: A Tale of the Revolution by Avi
 Bunting, Eve
 Coerr, Eleanor
 Cohen, Barbara
 Kinsey Warnock, Natalie
 Lasky, Kathryn
 Lawson, Robert
 MacLachlan, Patricia
 Polacco, Patricia
 Say, Allen
 Scieszka, Jon
 Wilder, Laura Ingalls
 American Girl Series
 Dear America Series

Folktales, Fables, & Legends (Books and Authors)

A Pride of African Tales by Washington
 Can you Guess My Name? by Sierra
 Genies, Meanies, and Magic Rings by Mitchell
 Her Stories by Hamilton
 Persephone by Clayton
 Pig-Boy: A Trickster Tale from Hawaii by McDermott
 Tales Our Abuelitas Told by Campoy and Ada
 The Beautiful Stories of Life by Rylant
 The Magical Monkey King: Mischief in Heaven by Jlang
 The Wise Fool: Fables from the Islamic World by Husain
 Aardema, Verna
 Aesop
 Brett, Jan
 Climo, Shirley
 Deml
 Gibbons, Gail
 Jaffe, Nina
 Kellogg, Steven
 Kimmel, Eric
 Martin, Rafe
 San Souci, Robert
 Sierra, Judy
 Young, Ed

Fiction (Books and Authors)

A Series of Unfortunate Events (series) by Snicket
 A Wrinkle in Time by L'Engle
 Big Nate (series) by Peirce
 Boom! by Haddon
 City of Fire/City of Ice by Yep
 Diary of a Wimpy Kid (series) by Kinney
 Dragon Castle by Bruchac
 Harry Potter (series) by Rowling
 Hate That Cat: A Novel by Creech
 Joey Pigza Swallowed the Key by Gantos
 Junebug (series) by Mead
 Room One: A Mystery or Two by Clements
 Shiloh by Naylor
 The Books of Elsewhere (series) by West
 The Dream Stealer by Fleischman
 The Homework Machine by Gutman
 The Lemonade War (series) by Davies
 The Magician's Elephant by DiCamillo
 The Road to Paris by Grimes
 Tia Lola (series) by Alvarez
 Tuesdays at the Castle by George
 Warrior (series) by Hunter
 Whales on Stilts: by Anderson
 Where the Mountain Meets the Moon by Lin
 Wonder by Palacio
 Young uncle Comes to Town by Singh
 Coville, Bruce
 Crilley, Mark
 Dahl, Roald
 Howe, James
 King-Smith, Dick
 Kinney, Jeff
 Levy, Elizabeth
 Osborne, Mary
 Park, Barbara
 Peet, Bill
 Pinkwater, Daniel
 Rowling, J.K.
 Rylant, Cynthia
 Sanvoisin, Eric
 Scieszka, Jan
 Selden, George
 Steig, William
 Stine, R.L.
 VanAllsburg, C.
 White, E.B.

Informational Books

Bat Scientists by Carson
 Because of Mr. Terupt by Buyea
 Bones: Skeletons and How they Work by Jenkins
 Boston Tea Party by Kroll
 Citizen Scientists by Burns
 Dinosaurs in Your Backyard by Brewster
 Discovering Black America by Tarrant-Reid
 Extreme Animals by Davies
 Galaxies, Galaxies! by Gibbons
 In the Wild by Elliot
 Locomotive by Floca
 Next to Mexico by Nails
 Peace, Locomotion by Woodson
 Polar Bears by Newman
 Salsa Stores by Delacre
 The Tarantula Scientist by Montgomery
 The Wolves Are Back by George
 Volcano Rising by Rusch

Summer Reading



For Students Entering
Grades 1 and 2
2019

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Requirement for Grades 1 and 2:

- Read at least 5 books each week
- Reading Log

Happy Reading!

Maureen Binienda
Superintendent of Schools

Visit for more information:

<https://sites.google.com/worcesterschools.net/summerreading>

It is important to take time to talk with your children about what they are reading. Help them develop strong reading habits and skills by using some of these questions and conversation starters:

- “I like....”
- “This reminds me of....”
- “I wonder....”
- “This makes me think about....”

What was the most exciting part of the book?

Who is your favorite character and why?

What surprised you the most about the story?

How is this book like one you've read before?

The Super 7 Effective Reading Habits

- Make Connections:** When I read I think “That reminds me of...”
- Create Images:** When I read “I picture in my mind...”
- Infer:** Even though it isn't said in the text, when I read “I know...” “I think...” or “I am guessing that...” or “I predict...”
- Monitor for Meaning:** When I get confused when I read “I can...” and “Let me review what I know...”
- Determine Importance:** When I read “I know the detail I just read is important because...”
- Synthesize:** When I read I notice things are connected and “I know this is a big idea because...” or “Aha...”
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How to Choose a Good Book

1. Find a book that is interesting. Search by genre, subject, reading level, and recommendation. Visit the summer reading website for online search tools.
 2. Use the 5 Finger Rule to help identify a good fit! Open your book to any page and read the words on the page. Count the number of words you do not know on your fingers. If you hold up four or five fingers the book might be too difficult. If you found a “just right” book, take it for a test drive and read a few pages or even a chapter.
- Worcester Public Library
 - Libby and Liiy Mobile Libraries
 - Borrow and take suggestions from friends!
 - Summer Programs
 - Bookstores such as Barnes & Noble and Amazon
 - Goodwill and Salvation Army
 - E-Books
 - Digital Books

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Picture Books (Books and Authors)

Crow Call by Lowry
Dog Magic by Golembe
Doctor De Soto by Steig
Extra Yam by Barnett
Grandfather's Journey by Say
How I Learned Geography by Shulevitz
Interrupting Chicken by Stein
My Rows and Piles of Coins by Mollie
Owl Moon by Yolen
The Curious Garden by Brown
The Great Kapok Tree by Cherry
The Lorax by Seuss
The Man who Walked Between the Towers by Gerstein
The Serpent Came to Gloucester by Anderson
Zin! Zin! A Violin by Moss

Aliki
Anno, Mitsumasa
Arnold, Jim
Baker, Keith
Barton, Byron
Cole, Joanna
Crews, Donald
De Paola, Tomie
Dorris, Arthur
Dotlich, Rebecca Kai
Ehlert, Lois
Falwell, Kathryn
Fleming, Denise
Gibbons, Gail
Heller, Ruth
Hoban, Tana
Hutchins, Pat
Jordan, Helene
Maas, Robert
McGovern, Ann
Micklethwaite, Lucy
Morris, Ann
Murphy, Stuart
Pailotta, Jerry
Wallace, Nancy Elizabeth
Walsh, Ellen
Weeks, Sarah
Yolen, Jane

Beginning to Read Books

Amanda Pig by Van Leeuwen
Elephant and Piggie (series) by Williams
Flat Stanley by Haskins
Frog and Friends (series) by Bunting
Jon Scieszka's Trucktown (series) by Rylant
Pinkalicious (series) by Kann

Rhymes (Books and Authors)

Around the World by Benjamin
Here Comes Mother Goose by Opie
The Neighborhood Mother Goose by Crews
Truckery Rhymes by Scieszka
You Read to Me, I'll Read to You by Hoberman
Alborough, Jez
Baker, Keith
Bernard Westcott, Nadine
De Paola, Tomie
Emberly, Barbara
Giesel, Theodor (Dr. Seuss)
Hoberman, Mary Ann
Keats, Ezra Jack
Lobel, Arnold
Muller, Robin
Neitzel, Shirley
Shaw, Nancy
Yolen, Jane

Fairy Tales / Folk Tales (Books and Authors)

Aladdin and the Wonderful Lamp by Carrick;
Arrow to the Sun: A Pueblo Indian Tale by McDermott
Baba Yaga and Vasilisa the Brave by Mayer
Fables by Lobel
Goldilocks and the Three Dinosaurs by Willems
Rapunzel by Zelinsky
Saint George and the Dragon by Hodges
The Magic Gourd by Diakite
The Snow Queen by Ehrlich
Brett, Jan
Brown, Marcia
Dayrell, Elphinstone
De Paola, Tomie
Harper, Wilhelmina
Kellogg, Steven
McDermott, Gerald
Mosei, Ariene
Polacco, Patricia
Ringgold, Faith
Yolen, Jane

Informational Text

Abe Lincoln Crosses a Creek by Hokinson
About Space by Carson
An Island Grows by Schaefer
Astronaut Handbook by McCarthy
Biblioburro, a True Story from Columbia by Winter
Bird Talk by Judge
Coral Reefs by Chin
From Seed to Plant by Gibbons
I Fall Down by Cobb
Penguins by Simon
Seeing Symmetry by Leedy
Tornadoes by Gibbons
The Beetle Book by Jenkins
Underground by Evans

Poetry (Books and Authors)

Dear Hot Dog by Gerstein
Good Sports by Prelutsky
Here's a Little Poem by Yolen
In the Wild by Elliot
Kids' Funniest Knock-Knocks by Keller
My People by Hughes
Poetrees by Florian
Ahlberg, Jane & Allen
Bernard Westcott, Nadine
Bunting, Eve
Calmenson, Stephanie
Christelow, Eileen
Cole, Joanna
Cooper, Kay
De Regniers, Beatrice
Facklam, Margery
Lee, Dennis
Martin Jr, Bill
Prelutsky, Jack
Raffi
Silverstein, Shel
Stomades, Lorianne
Trepiani, Iza

Chapter Books (Books and Authors)

A to Z Mysteries (series) Roy
Alvin Ho (series) by Look
Ballpark Mysteries (series) by Kelly
Clementine (series) by Pennypacker
Ivy and Bean (series) by Barrows
Lulu and the Brontosaurus by Viorst
Mercy Watson (series) by DiCamillo
Nancy Clancy (series) O'Connor
Stink (series) by McDonald
Adler, David
Brown, Marc
Cleary, Beverly
Dadey, Debbie & Thornton
Jones, Marcia
Minarik, Else Holmelund
Lobel, Arnold
Parish, Peggy
Park, Barbara
Rylant, Cynthia
Peterson, John
Osborne, Mary Pope
Roy, Ron
Stiles Gannett, Ruth
Sharmat, Marjorie Weinman

How to Choose a Good Book

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- E-Books
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Summer Reading Requirement for Grades 5 and 6:

- Read at least 3 Books or 800 Pages
- Three Activities

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Notice and Note Stop and ask yourself...

Contrasts & Contradictions: When a character says or does something that is opposite (contradicts) what you expect them to do ask yourself, "Why is the character acting this way?" This could help you make a prediction or an inference about the plot and conflict.

Again & Again: When notice a word, phrase, object, or situation mentioned over and over again, ask yourself, "Why does this keep showing up again and again?" This will tell you about the theme and conflict, or it might foreshadow what will happen later.

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Words of the Wiser: When a character takes the main character aside and gives advice, ask yourself, "What's the life lesson, and how might it affect the character?" Whatever the lesson is, you've probably found a theme for the story.

Tough Questions: When a character asks himself a difficult question, ask yourself, "What does this question make me wonder about?" This will help you predict what will happen later in the story.

(Adapted from Notice and Note by Kylene Beers.)

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Monitor for Meaning: When I get confused when I read "I can..." and "Let me review what I know..."

Determine Importance: When I read "I know the detail I just read is important because..."

Synthesize: When I read I notice things are connected and "I know this is a big idea because..." or "Aha..."

Questioning: When I read I ask myself questions about the book such as "I wonder why..." or "I am curious about..."



The Worcester Public Schools is an Equal Opportunity/Affirmative Action Employer/Contractor and does not discriminate on the basis of race, color, gender, age, religion, national origin, or disability. For more information, please contact the Director of Human Resources at 508-755-3000. For more information, please contact the Human Resource Manager at 508-755-3000.



For Students Entering
Grades 5 and 6
2019

Dear Parents/Guardians,

Summer reading is an exciting opportunity for students to enjoy good books. When children discuss books with their parents/guardians they build new language skills, knowledge, and experiences. The Worcester Public Schools summer reading program includes a suggested reading list. Please encourage your child to explore different types of books and to read for at least 20 minutes each day. Students should submit their summer reading assignments to their teacher when school opens.

Please visit the WPS summer reading website for additional information! You can also download copies of all summer reading materials. Reading together this summer helps set the stage for future success in schooling. We appreciate your support!

Requirement for Grades 5 and 6:

- Read at least 3 Books or 800 Pages
- Three Activities

Happy Reading!

Maureen Binienda

Superintendent of Schools

Visit for more information:

<https://sites.google.com/worcesterschools.net/summerreading>

Fantasy and Science Fiction (Books and Authors)

Artemis Fowl (series) by Colfer
Books of a Thousand Days by Hale
Dragon Castle by Bruchac
Dragonson (trilogy) by McCaffrey
47 by Mosley
Gregor the Overlander (series) by Collins
Half Magic by Eager
Harry Potter (series) by Rowling
Hiccup Horrendous Haddock III (series) by Cowell
Jinx (series) by Blackwood
Mister Monday (series) by Nix
Secrets of Droon (series) by Abbott
The Blue Sword by McKinley
The Books of Elsewhere (series) by West
The Night Fairy by Schiltz
The Sisters Grimm (series) by Buckley
Zita the Spacegirl (series) by Hatke
Warrior (series) by Hunter
Alexander, Lloyd
Avi
Babbitt, Natalie
Collins, Suzanne
Cooper, Susan
Coville, Bruce
Dani, Roald
DuPrau, Jeanne
Haddix, Mararet
Ibbotson, Eva
Jacques, Brian
Tolkien, J.R.R.
Levine, Gail
L'Engle Madeleine
Lewis, C.S.
Lowry, Lois
Naylor, Phyllis
O'Brien, Robert
Pierce, Tamara
Hopkins, Lee Bennett
Hughes, Langston
Myers, Walter
Prelutsky, Jack
Silverstein, Shel

Poetry (Books and Authors)

A Visit to William Blake's
Inn by Willard
Dark Emperor and Other Poems
of the Night by Sidman
Hip Hop Speaks to Children:
A Celebration of Poetry with a
Beat by Giovanni
My Chinatown by Mak
The Great Migration: Journey to
the North by Greenfield
The 20th Century Children's
Poetry Treasury by Prelutsky
Berry, James
Dani, Roald
Fleischman, Paul
Florian, Douglas
Giovanni, Mikki
Hopkins, Lee Bennett
Hughes, Langston
Myers, Walter
Prelutsky, Jack
Silverstein, Shel

Folktales, Fairy Tales and Legends

Egg and Spoon by Maguire
Glass Slipper, Gold Sandal: A Worldwide Cinderella by
Fleischman
Just So Stories by Kipling
More Bones: Scary Stories from Around the World by Olson
Nelson Mandela's Favorite African Folktales by Mandela
Pegasus by Mayer
Red Butterflies by Noyes
The Blue Fairy Book (series) by Lang
The Nightingale by Anderson
Will in Scarlet by Cody
Aesop
Bruchac, Joseph
Hamilton, Virginia
Osborne, Mary Pope
San Souci, Robert
Schwartz, Alvin
Yep, Laurence

Biography/Autobiography (Books and Authors)

A Volcano Beneath the Snow: John Brown's War Against
Slavery by Martin
Ballrooms Over Broadway: The True Story of the Puppeteer of
Macy's Parade by Sweet
Barnum's Bones: How Barnum Brown Discovered the Most
Famous Dinosaur in the World by Fern
Freedom Riders: John Lewis and Jim Zwerg on the Front Lines
by Bausum
Hero by Moss
Roberto Clemente: Pride of the Pittsburgh Pirates by Winter
Shining Star: The Anna May Wong Story by Yee
The Cat with the Yellow Star: Coming of Age in Terезin by
Rubin and Weissberger
The Journey that Saved Curious George: The True Wartime
Escape of Margret and H.A. Rey by Borden
The Pilot and the Little Prince: The Life of Antoine de Saint
Exupery by Sis

**Informational
(Books and Authors)**

Blumberg, Rhoda
Fradin, Dennis
Freedman, Russell
Fritz, Jean
Kruil, Kathleen
Lasky, Kathryn
Meltzer, Milton
Morris, Deborah
Myers, Walter Dean
Stanley, Diane
Weidt, Maryann
Americas by Aven
Buried Beneath Us: Discovering
History by Albee
the Ancient Cities of the
Americas by Aven
Buried Sunlight: How Fossil
Fuels Have Changed the Earth
by Bang
Millions, Billions & Trillions:
Understanding Big Numbers
by Adler
Separate Is Never Equal
by Tonahut
Shimmer & Splash: The
Sparkling World of Sea Life by
Arnosky
Trapped: How the World Rescued
33 Miners from 2,000 Feet Below
the Chilean Desert by Aronson
Cobb, Vicki
Fradin, Dennis
Freedman, Russell
Fritz, Jean
Kruil, Kathleen
Lauber, Patricia
Locker, Thomas
Macaulay, David
Meltzer, Milton
Myers, Walter Dean
Murphy, Jim
Pingle, Laurence
Rappaport, Doreen
Eyewitness Series

Mystery (Authors)

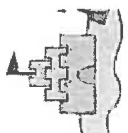
Bellairs, John
George, Jean C.
Kehret, Peg
Lawrence, Caroline
Skurzynski, Gloria
Snyder, Zilpha
Stolz, Mary
Strickland, Brad
Van Draanen, W.
Wright, Betty Ren
Yep, Laurence
Nancy Drew Series
by Carolyn Keene
Hardy Boys Series
by Franklin W. Dixon

Fiction (Books and Authors)

Acting Out by Avi
Also Known as Harber by Leal
Bamboo People by Perkins
Best Friends by Wilson
Divergent by Roth
Double Identity by Haddix
Drama by Teigemeier
Drums, Girls, and Dangerous Pie by Sonnenblick
Emma Jean Lazarus Fell Out of a Tree by Tareh's
Feathers by Woodson
Hatchet by Paulsen
Hook by Haasen
Jack Henry (series) by Gantos
Keeping the Night Watch by Smith
Lily's Crossing by Reilly
Make Lemonade by Wolff
Maze Runner by Dashner
Percy Jackson and the Olympians
by Riordan
Return to Sender by Alvarez;
Slob by Potter
So B It by Weeks
The Adventures of Ulysses by Evislin
The Boy on the Wooden Box by Leyson
The Egypt Game by Snyder
The Lunar Chronicles by Meyer
The Tales of Beedle the Bard by Rowling
39 Clues by various authors
Alvarez, Julia
Alcott, Louisa May
Avi
Banks, Lynne Reid
Blume, Judy
Byars, Betsy
Clements, Andrew
Creach, Sharon
Danziger, Paula
DiCamillo, Kate
Fox, Paula
Gantos, Jack
George, Jean C.
Hamilton, Virginia
Henkes, Kevin
Hurwitz, Johanna
Kingsburg, E.L.
Korman, Gordon
Lowry, Lois
Montgomery, L.M.
Myers, Walter Dean
Naylor, Phyllis
Park, Barbara
Paterson, Katherine
Paulsen, Gary
Peck, Robert
Rylant, Cynthia
Sachar, Louis
Snicket, Lemony
Soto, Gary
Spinelli, Jerry
Stolz, Mary
Volgt, Cynthia
Whelan, Gloria


**Historical
Fiction
(Books and
Authors)**

Go at Ballard Creek
by Hill
Breaking Stalin's
Nose by Yeichin
Incantation by
Hoffman
Number the Stars
by Lowry
Song of the Trees
by Taylor
The Firefly Letters
by Engle
The Great Trouble
by Hopkinson
The Mighty Miss
Malone by Curtis
The Sixties Trilogy
(series) by Wiles
Unstoppable Octobla
May by Flake
Avi
Berry, James
Bruchac, Joseph
Curtis, Christopher
Cushman, Karen
Dorris, Michael
Fritz, Jean
Hesse, Karen
Hobbs, Will
Koller, Jackie French
Levine, Gail
Lowry, Lois
MacLachlan, Patricia
O'Dell, Scott
Paterson, Katherine
Peck, Robert
Ryan Pam Munoz
Speare, Elizabeth
Spinelli, Jerry
Taylor, Mildred
Wilder, Laura Ingalls
Woolf, Virginia
Yolen, Jane



Math Calendar for Students Entering Grade 1: July 2019




Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!!	1 Find today's date on a class calendar and read it aloud. How many days are in a full week?	2 Find 7 on the Math calendar. What other numbers have 7 as part of them?	3 Tell some things you know about the number 7. What number comes after 7?	4 	5 Find 9 on the class calendar. What other numbers have a 9 as part of them?	6 Find the number 10 on this calendar. What other numbers have a 0 in them?
7 Family Day!!	8 Write a number that is greater than 5. Write a number that is less than 10.	9 How can you place these numbers in order from 5 to 10: 6, 8, 5, 10, 7, 9?	10 What number is one greater than 2? What number is one greater than 6? What number is one greater than 8?	11 Join your hands together. How many fingers do you have in all?	12 Find the number 10 on the calendar. What can you tell about the number 10?	13 What number is one greater than 8? What number is one greater than 4? What number is one greater than 9?
14 Family Day!!	15 What number is one less than 5? What number is one more than 5? What can you tell about the number 5?	16 What number is one less than 3? What number is one less than 7? What number is one less than 10?	17 What are some things you know about the number 10?	18 What number is one less than 5? What number is one less than 3?	19 Look at a class calendar. How many days in a week do you go to school? What are the names of the days that you go to school?	20 What number is one greater than 4? What number is one less than 4?
21 Family Day!!	22 When we put together cube trains, do we add or subtract? When we take apart cube trains, do we add or subtract?	23 Point to the number 5 on the calendar. What number is just before the 5?	24 What number means 10 and one more? What number is one greater than 12?	25 What do you know about the number 14? How can you show 14 in two equal sets? What number is one less than 14?	26 How many days are in one week? How many days are in two weeks? How many days would it be if we add one more day?	27 What number is one greater than 3? What number is one greater than 11? What number is one greater than 14?
28 Family Day!!	29 Count to 16. What is the next number? How many is five blue beads and five yellow beads? How many is another five blue beads? How many more yellow beads make 17?	30 Find 1, 2, 3, 4, and 5 on this calendar. Point to a 6. What other numbers have a 6 as part of the number?	31 What number means 11 and one more? What number is one greater than 13?			









Math Calendar for Students Entering Grade 1: July 2019 Answers









Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!!</p>	<p>1 Find today's date on a class calendar and read it aloud. How many days are in a full week? 7</p>	<p>2 Find 7 on the class calendar. What other numbers have 7 as part of them? 17, 27</p>	<p>3 Tell some things you know about the number 7. What number comes after 7? <i>Possible answers: it is one more than 6. You can write it as a number or a word; 8</i></p>	<p>4</p>  <p>11 Join your hands together. How many fingers do you have in all? 10</p>	<p>5 Find 9 on the class calendar. What other numbers have a 9 as part of them? 19, 29</p>	<p>6 Find the number 10 on this calendar. What other numbers have a 0 in them? 20, 30</p>
<p>7</p> <p>Family Day!!</p>	<p>8 Write a number that is greater than 5. Write a number that is less than 10.</p>	<p>9 How can you place these numbers in order from 5 to 10: 6, 8, 5, 10, 7, 9? 5, 6, 7, 8, 9, 10</p>	<p>10 What number is one greater than 2? 3 What number is one greater than 6? 7 What number is one greater than 8? 9</p>	<p>11 Join your hands together. How many fingers do you have in all? 10</p>	<p>12 Find the number 10 on the calendar. What can you tell about the number 10? <i>Possible answers: 5 and 5 makes 10; 10 has a 1 and a 0.</i></p>	<p>13 What number is one greater than 8? What number is one greater than 4? What number is one greater than 9? 9; 5; 10</p>
<p>14</p> <p>Family Day!!</p>	<p>15 What number is one less than 5? What number is one more than 5? What can you tell about the number 5? 4; 6; <i>Possible answers: it is greater than 4; I can count from 1 to 5.</i></p>	<p>16 What number is one less than 3? What number is one less than 7? What number is one less than 10? 2; 6; 9</p>	<p>17 What are some things you know about the number 10? <i>Possible answers: it is greater than 9; I can count from 1 to 10; I can write 10 with a 1 and a 0.</i></p>	<p>18 What number is one less than 5? What number is one less than 3? 4; 2</p>	<p>19 Look at a class calendar. How many days in a week do you go to school? What are the names of the days that you go to school? 5; Monday, Tuesday, Wednesday, Thursday, Friday</p>	<p>20 What number is one greater than 4? What number is one less than 4? 5; 3</p>
<p>21</p> <p>Family Day!!</p>	<p>22 When we put together cube trains, do we add or subtract? When we take apart cube trains, do we add or subtract? <i>add; subtract</i></p>	<p>23 Point to the number 5 on the calendar. What number is just before the 5? 4</p>	<p>24 What number means 10 and one more? What number is one greater than 12? 11; 13</p>	<p>25 What do you know about the number 14? How can you show 14 in two equal sets? What number is one less than 14? <i>Possible answers: it is greater than 10, it is 10 ones and 4 ones; 7 and 7; 13</i></p>	<p>26 How many days are in one week? How many days are in two weeks? How many days would it be if we add one more day? 7; 14; 15</p>	<p>27 What number is one greater than 8? What number is one greater than 11? What number is one greater than 14? 9; 12; 15</p>
<p>28</p> <p>Family Day!!</p>	<p>29 Count to 16. What is the next number? How many is five blue beads and five yellow beads? How many is another five blue beads? How many more yellow beads make 17? 17; 10; 15; 2</p>	<p>30 Find 1, 2, 3, 4, and 5 on this calendar. Point to a 6. What other numbers have a 6 as part of the number? 16 and 26</p>	<p>31 What number means 11 and one more? What number is one greater than 13? 12; 14</p>			

Math Calendar for Students Entering Grade 1: August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!	5 I am thinking of a number that is two less than 30. What is it? I am thinking of a number that has two zeros. You can find it on a hundred chart. What is that number?	6 Think of a number from 10 to 20. What number is two greater than your number? What number is two less than your number?	7 Name some numbers on the calendar that have all straight parts. Name numbers that have all curved parts. Name some numbers that have both curved and straight parts.	8 Tell about what you see. Which lines are straight? Which lines are not straight? 	9 Count the numbers out loud: 11 12 13 14 15 16 17 18 19 Tell what the number 14 means. Tell what the number 18 means.	10 Name these shapes and tell how many sides they have.  A _____ has _____ sides. A _____ has _____ sides. A _____ has more sides than a _____.
11 Family Day!	12 How many rectangles are shown? What is special about the black rectangle? 	13 Are these shapes the same? How are they the same? What is the name of this shape? 	14 What number is 10 ones and 5 more? What number is 10 ones and 7 more? Describe the number 18.	15 7 14 19 1. Tell the number that comes before each number when you count. 2. Tell the number that comes after each number when you count.	16 Tell the name of each shape. How many straight sides does each shape have? Use the words alike and different to compare two shapes. 	17 Say the numbers in counting order: 8, 13, 11, 14, 9, 12, 10
18 Family Day!	19 Read today's date. Name the days of the week. How many Mondays are there this month?	20 What is the shape of a bubble? What is the shape of a can of peas?	21 Read each number. Tell the number that comes before when you count. Then tell the number that comes after. 15 21 35	22 I am thinking of a number that is two less than 50. What is it? I am thinking of a number that is two more than 50. What is it?	23 What number is one greater than 12? one greater than 8? What number is two greater than 10? two greater than 7?	24 On the calendar, point to the number 5. Now, point to the number 15. Now, point to the number 25. How are these numbers alike?
25 Family Day!	26 Back to School! How are these shapes similar?  How are they different?	27 Use the word big or small to describe the size of a school bus. Which word describes the size of a toy truck?	28 Brad has a toy box full of his favorite toys. He has a red basketball, a red truck, a blue basketball, and a blue truck. Tell how Brad can sort and classify these toys.	29 Which is greater, 3 or 6? 12 or 18? Which is less, 6 or 4? 14 or 16?	30 Find the date that is the 19th on this calendar. What is the date that comes after 19? What is the name of the day of the week for this date?	31 What are some things you know about the number 20? How many fingers are on four hands?

M. Hedwig 2019

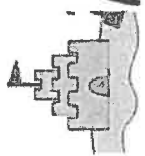
Math Calendar for Students Entering Grade 1: August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
4	5 I am thinking of a number that is two less than 30. What is it? I am thinking of a number that has two zeros. You can find it on a hundred chart. What is that number? 28; 100	6 Think of a number from 10 to 20. What number is two greater than your number? What number is two less than your number?	7 Name some numbers on the calendar that have all straight parts. Name numbers that have all curved parts. Name some numbers that have both curved and straight parts. 1, 4, and 7 have straight parts. 3, 6, 8, 9 and 0 have curved parts. 2, 5, and sometimes 9 have both straight and curved parts.	8 Tell about what you see. Which lines are straight? Which lines are not straight? 	9 Count the numbers out loud: 11 12 13 14 15 16 17 18 19 Tell what the number 14 means. Tell what the number 18 means. ten ones and four ones; ten ones and eight ones	10 Name these shapes and tell how many sides they have.  A _____ has _____ sides. A _____ has _____ sides. A _____ has more sides than a _____.	3 Name five numbers that are greater than 12 and less than 18 but are not the same number. 13, 14, 15, 16, 17
11	12 How many rectangles are shown? What is special about the black rectangle?  4; it is a square.	13 Are these shapes the same? How are they the same? What is the name of this shape?  Possible answer: Yes; They are the same size, color, and shape; rectangle	14 What number is 10 ones and 5 more? What number is 10 ones and 7 more? Describe the number 18. 15; 17; 10 ones and 8 more ones	15 7 14 19 1. Tell the number that comes before each number when you count. 6, 13, 18 2. Tell the number that comes after each number when you count. 8, 15, 20	16 Tell the name of each shape. hexagon, square, triangle, circle, rectangle How many straight sides does each shape have? 6, 4, 3, 4 Use the words alike and different to compare 2 shapes. 	17 Say the numbers in counting order: 8, 13, 11, 14, 9, 12, 10 8, 9, 10, 11, 12, 13, 14	
18	19 Read today's date. Name the days of the week. How many Mondays are there this month? 4	20 What is the shape of a bubble? What is the shape of a can of peas? sphere; cylinder	21 Read each number. Tell the number that comes before when you count. Then tell the number that comes after. 15 21 35 14, 16; 20, 22; 34, 36	22 I am thinking of a number that is two less than 50. What is it? I am thinking of a number that is two more than 50. What is it? 48, 52	23 What number is one greater than 12? one greater than 8? 13; 9 What number is two greater than 10? two greater than 7? 12; 9	24 On the calendar, point to the number 5. Now, point to the number 15. Now, point to the number 25. How are these numbers alike? Possible answer: Each of these numbers ends in 5.	
25	26 Back to School! How are these shapes alike?  How are they different? They are both the same shape. They are different colors	27 Use the word big or small to describe the size of a school bus. Which word describes the size of a toy truck? big, small	28 Brad has a toy box full of his favorite toys. He has a red basketball, a red truck, a blue basketball, and a blue truck. Tell how Brad can sort and classify these toys. Possible answers: red/blue, truck/ball, truck/not a truck, ball/not a ball	29 Which is greater, 3 or 6? 6 12 or 18? 18 Which is less, 6 or 4? 4 14 or 16? 14	30 Find the date that is the 19th on this calendar. What is the date that comes after 19? What is the name of the day of the week for this date? 20th, Monday	31 What are some things you know about the number 20? How many fingers are on it has 2 tens, it is greater than 19, and it follows 19 when we count. We write it with a 2 and a 0; 20	

M. Hedvig 2019



Math Calendar for Students Entering Grade 2: July 2019



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!!</p>	<p>1 Make a group of 19 objects. What do you know about the number 19?</p>	<p>2 Put these two sets of stars together. Write the number sentence that shows how many.</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> $\begin{array}{ccc} \star\star\star & \star\star & \\ \hline \quad & + & \quad = \quad \end{array}$ </div>	<p>3 Circle the addends in $4 + 3 = 7$.</p>	<p>4</p> <div style="text-align: center;"> </div>	<p>5 Look at the first seven days on this calendar. Choose a number. Add 3 to that number. Write the addition sentence.</p> $\underline{\quad} + \underline{\quad} = \underline{\quad}$	<p>6 Add. Model or draw if you need to.</p> $4 + 2 = \underline{\quad}$ $6 + 0 = \underline{\quad}$ $2 + 3 = \underline{\quad}$
<p>7</p> <p>Family Day!!</p>	<p>8 $5 + 3 = 8$ Copy the addition sentence. Underline each addend and circle the sum.</p>	<p>9 Jenny rides her bike to school every Friday. This month, she will also ride her bike on 3 Wednesdays. How many times will she ride her bike to school this month?</p>	<p>10 How can you make a sum of 6? Write 7 different addition sentences.</p>	<p>11 Solve.</p> $\begin{array}{r} 2 \ 5 \ 8 \ 0 \\ \pm 5 \ \pm 2 \ \pm 0 \ \pm 8 \\ \hline \end{array}$	<p>12 Add zero and 9. Write a number sentence to show the sum.</p>	<p>13 Find all the ways to make a sum of 7.</p>
<p>14</p> <p>Family Day!!</p>	<p>15 Look at one full week on this calendar. How many weekdays are there? How many weekend days are there? How many days are there in one week?</p>	<p>16 Josie collected some leaves. She has 3 red leaves. She has 4 yellow leaves. How many leaves does Josie have in all?</p>	<p>17 Solve.</p> $1. 4 - 3 = \underline{\quad} 1$ $2. 6 - 2 = \underline{\quad} 4$ $3. 5 - 0 = \underline{\quad} 5$	<p>18 Sam and Derrick collect dinosaur models. Sam has 9 models. Derrick has 12 models. Who has fewer models?</p>	<p>19 Look at the dates on the calendar. Name two numbers that have a sum of 10.</p>	<p>20 Mrs. Morales baked 6 muffins. She gave 2 muffins away. How many muffins are left?</p>
<p>21</p> <p>Family Day!!</p>	<p>22 What date is exactly 1 week after the 8th of this month? Complete the addition sentence.</p> $8 + \underline{\quad} = \underline{\quad}$	<p>23 Kayla is thinking of ways to make 8. Which of these are not ways to make 8?</p> $3 + 5 \quad 8 + 0 \quad 4 + 4$ $6 + 3 \quad 9 - 1 \quad 7 - 1$ $12 - 4 \quad 8 - 0$	<p>24 Max starts reading a book on the 5th. Max finishes the book 3 days later. On what day does Max finish the book?</p>	<p>25 One fish tank has 7 fish. The second tank has 2 more fish than the first tank. How many fish are in both tanks?</p>	<p>26 Han's birthday is on the 5th. What was the date 3 days before her birthday?</p>	<p>27 Carrie brushed Fido on the 8th and 9th. She walked Fido every day from the 10th through the 13th. How many days did Carrie help take care of Fido?</p> $\underline{\quad} + \underline{\quad} = \underline{\quad}$
<p>28</p> <p>Family Day!!</p>	<p>29 How many ways can you show 9 using 2 addends?</p>	<p>30 Find two dates on this calendar that add up to 5. Find two dates on the calendar that add up to 6.</p>	<p>31 Draw two circles. Draw a line inside the first circle to show two parts that are the same size. Draw a line inside the second circle to show two parts that are NOT the same size.</p>			



Math Calendar for Students Entering Grade 2: July 2019 Answers



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!!</p> <p>1 Make a group of 19 objects. What do you know about the number 19? Possible answers: greater than 18; 10 and 9 more; less than 20</p>	<p>2 Put these two sets of stars together. Write the number sentence that shows how many.</p> <p>*** **</p> <p>+ =</p> <p>3 + 2 = 5</p>	<p>3 Circle the addends in 4 + 3 = 7. 4 and 3 are the addends</p>	<p>4</p> <p>HAPPY 4th</p>	<p>5 Look at the first seven days on this calendar. Choose a number. Add 3 to that number. Write the addition sentence.</p> <p>+ =</p>	<p>6 Add. Model or draw if you need to.</p> <p>4 + 2 = 6</p> <p>6 + 0 = 6</p> <p>2 + 3 = 5</p>	
<p>7</p> <p>Family Day!!</p> <p>8 5 + 3 = 8 Copy the addition sentence. Underline each addend and circle the sum. 5 and 3 are the addends; 8 is the sum</p>	<p>9 Jenny rides her bike to school every Friday. This month, she will also ride her bike on 3 Wednesdays. How many times will she ride her bike to school this month? 4 + 3 = 7</p>	<p>10 How can you make a sum of 6? Write 7 different addition sentences.</p> <p>0 + 6 = 6; 1 + 5 = 6; 2 + 4 = 6; 3 + 3 = 6; 4 + 2 = 6; 5 + 1 = 6; 6 + 0 = 6</p>	<p>11 Solve.</p> <p>2 5 8 0</p> <p>±5 ±2 ±0 ±8</p> <p>7 7 8 8</p>	<p>12 Add zero and 9. Write a number sentence to show the sum.</p> <p>0 + 9 = 9 or 9 + 0 = 9</p>	<p>13 Find all the ways to make a sum of 7. Possible answers: 7 + 0, 6 + 1, 5 + 2, 4 + 3, 3 + 4, 2 + 5, 1 + 6, 0 + 7</p>	
<p>14</p> <p>Family Day!!</p> <p>15 Look at one full week on this calendar. How many weekdays are there? How many weekend days are there? How many days are there in one week? 5 weekdays; 2 weekend days; 7 days</p>	<p>16 Josie collected some leaves. She has 3 red leaves. She has 4 yellow leaves. How many leaves does Josie have in all? 7 leaves</p>	<p>17 Solve.</p> <p>1. 4 - 3 = 1</p> <p>2. 6 - 2 = 4</p> <p>3. 5 - 0 = 5</p>	<p>18 Sam and Derrick collect dinosaur models. Sam has 9 models. Derrick has 12 models. Who has fewer models? Sam</p>	<p>19 Look at the dates on the calendar. Name two numbers that have a sum of 10. Possible answers: 1 and 9, 2 and 8, 3 and 7, 4 and 6</p>	<p>20 Mrs. Morales baked 6 muffins. She gave 2 muffins away. How many muffins are left? 4 muffins are left.</p>	
<p>21</p> <p>Family Day!!</p> <p>22 What date is exactly 1 week after the 8th of this month? Complete the addition sentence.</p> <p>8 + = 15</p> <p>7; 15</p>	<p>23 Kayla is thinking of ways to make 8. Which of these are not ways to make 8? 3 + 5 8 + 0 4 + 4 6 + 3 9 - 1 7 - 1 12 - 4 8 - 0 6 + 3; 7 - 1</p>	<p>24 Max starts reading a book on the 5th. Max finishes the book 3 days later. On what day does Max finish the book? the 8th</p>	<p>25 One fish tank has 7 fish. The second tank has 2 more fish than the first tank. How many fish are in both tanks? 16 fish</p>	<p>26 Han's birthday is on the 5th. What was the date 3 days before her birthday? the 2nd</p>	<p>27 Carrie brushed Fido on the 8th and 9th. She walked Fido every day from the 10th through the 13th. How many days did Carrie help take care of Fido?</p> <p>+ =</p> <p>2 + 4 = 6; 6 days</p>	
<p>28</p> <p>Family Day!!</p> <p>29 How many ways can you show 9 using 2 addends? 0 + 9, 1 + 8, 2 + 7, 3 + 6, 4 + 5, 5 + 4, 6 + 3, 7 + 2, 8 + 1, 9 + 0; 10 possible ways</p>	<p>30 Find two dates on this calendar that add up to 5. possible answer: 2, 3 Find two dates on the calendar that add up to 6. possible answer: 1, 5</p>	<p>31 Draw two circles. Draw a line inside the first circle to show two parts that are the same size. Draw a line inside the second circle to show two parts that are NOT the same size.</p>	<p>Sample answer to day 31:</p>			



Math Calendar for Students Entering Grade 2: August 2019




Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!!	5 Fill in the missing addends to make 12. $7 + \underline{\quad} = 12$ $\underline{\quad} + \underline{\quad} + 2 = 12$	6 Juan is thinking of a number. The number has 1 ten and 6 ones. What number is Juan thinking of? Where might you see this number?	7 Miguel is thinking of a number. The number is double the sum of 6 and 3. What number is Miguel thinking of?	8 Maya writes related facts for 4, 7, and 11. So far, she writes these facts: $4 + 7 = 11$ and $11 - 4 = 7$. What other facts should she write?	9 Look at the calendar. Use words like more, fewer, or same to compare the number of Tuesdays and Fridays in this month.	10 Find three numbers on the calendar that have more tens than ones.
11 Family Day!!	12 Pick a date from the first week in the month. Write a subtraction sentence, using that number as the difference. Then write a related subtraction sentence.	13 Tell which number sentence has a sum of 9. 1. $17 - 8 = 9$ 2. $9 + 9 = 18$ 3. $8 + 1 = 9$ Identify what '9' is in the other two number sentences.	14 Write two related subtraction facts for $9 + 3 = 12$.	15 Add or subtract. 1. $3 + 7 = \underline{\quad}$ 2. $13 - 9 = \underline{\quad}$ 3. $11 - 6 = \underline{\quad}$ 4. $4 + 8 = \underline{\quad}$	16 I am just before 9. Double me to get 16. I am just after 7. What number am I?	17 Cross out the fact that is not a related fact. Write the fact that is missing. $4 + 8 = 12$ $12 - 8 = 4$ $4 + 4 = 8$ $12 - 4 = 8$
18 Family Day!!	19 Write a number to make the sentence true. 1. $4 + 5 = 8 + \underline{\quad}$ 2. $\underline{\quad} = 3 + 6 + 2$ 3. $10 - 1 = \underline{\quad} + 9$ 4. $\underline{\quad} - 0 = 8 + 7$	20 Add or subtract. Circle the doubles fact. $6 \quad 9 \quad 12 \quad 7$ $+4 \quad -0 \quad -7 \quad +7$	21 Circle the number sentence that has a difference of 5. $1 + 4 = 5$ $13 - 8 = 5$ $5 + 7 = 12$	22 Write 3 different ways to make 17. $\underline{\quad} + \underline{\quad} = 17$ $\underline{\quad} + \underline{\quad} = 17$ $\underline{\quad} - \underline{\quad} = 17$	23 1. Start at 8. Count on 3. 2. Start at 4. Count on 2. 3. Start at 17. Count on 1. 4. Start at 32. Count on 3.	24 Complete each number sentence to compare two numbers. Write $<$, $>$, or $=$. 1. $42 \underline{\quad} 42$ 2. $75 \underline{\quad} 57$ 3. $23 \underline{\quad} 32$ 4. $65 \underline{\quad} 61$
25 Family Day!!	26 Back to School! On November 8th, Chad counts forward five days until his soccer game. What is the date of Chad's soccer game?	27 What addition fact can you use to solve $17 - 8 = \underline{\quad}$?	28 Nicole and Anil collected cans for recycling. They put them in bags of ten. Nicole had 10 bags. Anil had 9 bags and 6 extra cans. Who collected one hundred cans?	29 How many vertices does a trapezoid have? How many sides does a trapezoid have?	30 Jill's birthday is on the 11th. What was the date 2 days before her birthday?	31 Jen made 12 bracelets. She gives away 2 bracelets. How many bracelets does Jen have now?

M. Hedwig 2019


Math Calendar for Students Entering Grade 2: August 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday					
<p>4</p> <p>Family Day!!</p> <p>5 Fill in the missing addends to make 12. $7 + \underline{\quad} = 12$ $\underline{\quad} + \underline{\quad} + 2 = 12$ <i>Possible answer: 6, 4</i></p>	<p>6 Juan is thinking of a number. The number has 1 ten and 6 ones. What number is Juan thinking of? Where might you see this number? <i>16; Sample answers: on the calendar, a room number</i></p>	<p>7 Miguel is thinking of a number. The number is double the sum of 6 and 3. What number is Miguel thinking of? 18</p>	<p>1 What numbers make this subtraction sentence true? $\underline{\quad} - \underline{\quad} = 2$ <i>Possible answer: 8-6</i></p>	<p>2 What is the date 4 days before the 6th? What is the date 4 days after the 2nd? <i>the 2nd; the 6th</i></p>	<p>3 Find the 2, 5, and 7 on the calendar. Write an addition fact using the three numbers. $2 + 5 = 7$ or $5 + 2 = 7$</p>	<p>10 Find three numbers on the calendar that have more tens than ones. <i>Possible answers depending on month: 10, 20, 21, 30, 31</i></p>					
<p>11</p> <p>Family Day!!</p> <p>12 Pick a date from the first week in the month. Write a subtraction sentence, using that number as the difference. Then write a related subtraction sentence. <i>Possible answer: 9 - 8 = 1; 9 - 1 = 8</i></p>	<p>13 Tell which number sentence has a sum of 9. 1. $17 - 8 = 9$ 2. $9 + 9 = 18$ 3. $8 + 1 = 9$ #3 Identify what '9' is in the other two number sentences. <i>Difference, addends</i></p>	<p>14 Write two related subtraction facts for $9 + 3 = 12$. $12 - 3 = 9$ and $12 - 9 = 3$</p>	<p>15 Add or subtract. 1. $3 + 7 = \underline{10}$ 2. $13 - 9 = \underline{4}$ 3. $11 - 6 = \underline{5}$ 4. $4 + 8 = \underline{12}$</p>	<p>8 Maya writes related facts for 4, 7, and 11. So far, she writes these facts: $4 + 7 = 11$ and $11 - 4 = 7$. What other facts should she write? $7 + 4 = 11$, $11 - 7 = 4$</p>	<p>9 Look at the calendar. Use words like more, fewer, or same to compare the number of Tuesdays and Fridays in this month.</p>	<p>16 I am just before 9. Double me to get 16. I am just after 7. What number am I? 8</p>	<p>17 Cross out the fact that is not a related fact. Write the fact that is missing. $4 + 8 = 12$ $12 - 8 = 4$ $4 + 4 = 8$ (cross out) $12 - 4 = 8$ $8 + 4 = 12$</p>				
<p>18</p> <p>Family Day!!</p> <p>19 Write a number to make the sentence true. 1. $4 + 5 = 8 + \underline{1}$ 2. $\underline{\quad} = 3 + 6 + 2$ 11 3. $10 - 1 = \underline{\quad} + 9$ 0 4. $\underline{\quad} - 0 = 8 + 7$ 15</p>	<p>20 Add or subtract. Circle the doubles fact. $6 \quad 9 \quad 12 \quad 7$ $+4 \quad -0 \quad -7 \quad +2$ $10 \quad 9 \quad 5 \quad 14$</p>	<p>21 Circle the number sentence that has a difference of 5. $1 + 4 = 5$ $13 - 8 = 5$* $5 + 7 = 12$</p>	<p>22 Write 3 different ways to make 17. $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} + \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ <i>Possible answers: 10 + 3 + 4, 8 + 9, 17 - 0</i></p>	<p>23 1. Start at 8. Count on 3. 11 2. Start at 4. Count on 2. 6 3. Start at 17. Count on 1. 18 4. Start at 32. Count on 3. 35</p>	<p>24 Complete each number sentence to compare two numbers. Write <, >, or =. 1. $42 \underline{<} 42 =$ 2. $75 \underline{>} 57 >$ 3. $23 \underline{<} 32 <$ 4. $65 \underline{>} 61 >$</p>	<p>25</p> <p>Family Day!!</p> <p>26 Back to School! On November 8th, Chad counts forward five days until his soccer game. What is the date of Chad's soccer game? <i>November 13</i></p>	<p>27 What addition fact can you use to solve $17 - 8 = \underline{\quad}$? $8 + 9 = 17$ or $9 + 8 = 17$</p>	<p>28 Nicole and Anil collected cans for recycling. They put them in bags of ten. Nicole had 10 bags. Anil had 9 bags and 6 extra cans. Who collected one hundred cans? <i>Nicole</i></p>	<p>29 How many vertices does a trapezoid have? How many sides does a trapezoid have? <i>4; 4</i></p>	<p>30 Jill's birthday is on the 11th. What was the date 2 days before her birthday? <i>the 9th</i></p>	<p>31 Jen made 12 bracelets. She gives away 2 bracelets. How many bracelets does Jen have now? $12 - 2 = 10$; 10 bracelets</p>

Math Calendar for Students Entering Grade 3: July 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day! 1 Write the number 99. • What is the number that is 1 less than 99? What is the number that is 1 more than 99?	2 Write the number 461 using words.	3 Write the number 523 as the sum of the values of its digits. Write the number 392 as the sum of the values of its digits. Write the number 712 as the sum of the values of its digits.	4 	5 What are the digits in the number 128? What other numbers can you make using all of these digits?	6 Write the number 516 in three ways.	
7 Family Day! 8 Write a number that is greater than 256. Write a number that is less than 256. Use symbols to compare 256 with the greater number. Then have them compare 256 with the lesser number.	9 9 5 6 Arrange the digits in any order to form a 3-digit number. Write the place value of each digit.	10 What number is 1 hundred less than 381? What number is 1 ten less than 381? What number is 1 one less?	11 Today is the 12 th of the month. What day was it 4 days ago?	12 Complete the subtraction sentences. $10 - 3 = \underline{\quad}$ $10 - 5 = \underline{\quad}$ $10 - 1 = \underline{\quad}$	13 Write a subtraction fact using these three numbers. Then write a related addition fact. 5, 9, 14	
14 Family Day! 15 Find each difference. $15 - 7 = \underline{\quad}$ $14 - 8 = \underline{\quad}$ $13 - 6 = \underline{\quad}$	16 Use four numbers to write an example of an addition sentence.	17 What is the value of the digit 2 in 23? What is the value of the digit 3 in 23?	18 Show the number 9 in three different ways.	19 $28 + \underline{\quad} = 30$ $28 + \underline{\quad} = 40$ $28 + \underline{\quad} = 50$ $28 + \underline{\quad} = 60$	20 Emily has been assigned to read the first 25 pages of a book. She has finished reading 12 pages. How many more pages does she have to read until her assignment is complete? $12 + \underline{\quad} = 25$	
21 Family Day! 22 Which date on the calendar has digits with a value of 2 tens and 4 ones?	23 How many Sundays are in this month? How many Mondays? How many Tuesdays? Add these three numbers together to find how many Sundays, Mondays, and Tuesdays there are in all.	24 Choose three 2-digit numbers in a row on this calendar. What is the sum of these numbers?	25 Write three pairs of addends that have a sum of 12.	26 Choose a number on this calendar that is greater than 21. Subtract 8 from that number.	27 Solve. $6 + 7 = \underline{\quad}$ $7 + 6 = \underline{\quad}$ $13 - 7 = \underline{\quad}$ $13 - 6 = \underline{\quad}$	
28 Family Day! 29 Emma is supposed to practice her violin every day. She forgot to practice 7 days last month. How many days did she practice last month?	30 Start with 300. Count by tens to 340. Start with 300. Count by hundreds to 700. Start with 300. Count back by ones to 296.	31 Trina has 7 more bracelets than Sara. Sara has 8 bracelets. How many bracelets does Trina have? Which equation can help you solve the problem? A. $8 - 7 = ?$ B. $? + 7 = 8$ C. $8 + ? = 15$ D. $8 + 7 = ?$				

Math Calendar for Students Entering Grade 3: July 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!</p>	<p>1 Write the number 99. What is the number that is 1 less than 99? 98</p> <p>What is the number that is 1 more than 99? 100</p>	<p>2 Write the number 461 using words. <i>four hundred sixty-one</i></p>	<p>3 Write the number 523 as the sum of the values of its digits. $500 + 20 + 3$</p> <p>Write the number 392 as the sum of the values of its digits. $300 + 90 + 2$</p> <p>Write the number 712 as the sum of the values of its digits. $700 + 10 + 2$</p>	<p>4</p>  <p>11 Today is the 12th of the month. What day was it 4 days ago? 8th</p>	<p>5 What are the digits in the number 1287? 1, 2, 8</p> <p>What other numbers can you make using all of these digits? 821; 812; 281; 218; 182</p>	<p>6 Write the number 516 in three ways. <i>five hundred sixteen, 516, $500 + 10 + 6$</i></p>
<p>7</p> <p>Family Day!</p>	<p>8 Write a number that is greater than 256. Write a number that is less than 256. <i>Possible answers: 260; 156</i></p> <p>Use symbols to compare 256 with the greater number. Then have them compare 256 with the lesser number. <i>Possible answers: $256 < 260$; $256 > 156$</i></p>	<p>9 9 5 6</p> <p>Arrange the digits in any order to form a 3-digit number. Write the place value of each digit. <i>Possible answers: 569; 5 hundreds, 6 tens, 9 ones</i></p>	<p>10 What number is 1 hundred less than 381? 281</p> <p>What number is 1 ten less than 381? 371</p> <p>What number is 1 one less? 380</p>	<p>12 Complete the subtraction sentences.</p> <p>$10 - 3 = \underline{7}$</p> <p>$10 - 5 = \underline{5}$</p> <p>$10 - 1 = \underline{9}$</p>	<p>13 Write a subtraction fact using these three numbers. Then write a related addition fact. 5, 9, 14</p>	<p>13 Write a subtraction fact using these three numbers. Then write a related addition fact. 5, 9, 14</p>
<p>14</p> <p>Family Day!</p>	<p>15 Find each difference.</p> <p>$15 - 7 = \underline{8}$</p> <p>$14 - 8 = \underline{6}$</p> <p>$13 - 6 = \underline{7}$</p>	<p>16 Use four numbers to write an example of an addition sentence. <i>Possible answer: $3 + 4 + 5 = 12$</i></p>	<p>17 What is the value of the digit 2 in 23? 20</p> <p>What is the value of the digit 3 in 23? 3</p>	<p>18 Show the number 9 in three different ways. <i>Possible answers: $8 + 1$, $10 - 1$, $3 + 3 + 3$.</i></p>	<p>19</p> <p>$28 + \underline{\quad} = 30$ 2</p> <p>$28 + \underline{\quad} = 40$ 12</p> <p>$28 + \underline{\quad} = 50$ 22</p> <p>$28 + \underline{\quad} = 60$ 32</p>	<p>20 Emily has been assigned to read the first 25 pages of a book. She has finished reading 12 pages. How many more pages does she have to read until her assignment is complete? $12 + \underline{\quad} = 25$ 13</p>
<p>21</p> <p>Family Day!</p>	<p>22 Which date on the calendar has digits with a value of 2 tens and 4 ones? 24th</p>	<p>23 How many Sundays are in this month? How many Mondays? How many Tuesdays? Add these three numbers together to find how many Sundays, Mondays, and Tuesdays there are in all. 5; 5; 4; 14</p>	<p>24 Choose three 2-digit numbers in a row on this calendar. What is the sum of these numbers?</p>	<p>25 Write three pairs of addends that have a sum of 12. <i>Possible answers: $6 + 6$, $3 + 9$, $8 + 4$</i></p>	<p>26 Choose a number on this calendar that is greater than 21. Subtract 8 from that number.</p>	<p>27 Solve.</p> <p>$6 + 7 = \underline{13}$</p> <p>$7 + 6 = \underline{13}$</p> <p>$13 - 7 = \underline{6}$</p> <p>$13 - 6 = \underline{7}$</p>
<p>28</p> <p>Family Day!</p>	<p>29 Emma is supposed to practice her violin every day. She forgot to practice 7 days last month. How many days did she practice last month? 23 days</p>	<p>30 Start with 300. Count by tens to 340. 300, 310, 320, 330, 340</p> <p>Start with 300. Count by hundreds to 700. 300, 400, 500, 600, 700</p> <p>Start with 300. Count back by ones to 296. 300, 299, 298, 297, 296</p>	<p>31 Trina has 7 more bracelets than Sara. Sara has 8 bracelets. How many bracelets does Trina have?</p> <p>Which equation can help you solve the problem?</p> <p>A. $8 - 7 = ?$</p> <p>B. $? + 7 = 8$</p> <p>C. $8 + 7 = 16$</p> <p>D. $8 + 7 = ?$</p> <p>D</p>			

Math Calendar for Students Entering Grade 3: August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!	5 Complete these three subtraction sentences that each have the number 20 in them. 20 - <u> </u> = <u> </u> <u> </u> - 20 = <u> </u> <u> </u> + <u> </u> = 20	6 $7 + 4 =$ <u> </u> $9 + 2 =$ <u> </u> $7 + 6 =$ <u> </u> $9 + 8 =$ <u> </u> $6 + 5 =$ <u> </u>	7 Add different numbers to 31, such as 4, 8, 20, and 45.	8 Write an addition problem with two 2-digit numbers. Write a problem in which you need to regroup the ones.	9 Write an addition problem using 146 and another 3-digit number as addends. Be sure regrouping is needed in the ones place to find the solution.	10 Start by subtracting 2 from 458. Next, subtract 20 from that difference. Then, subtract 200 more. What number do you have now?
11 Family Day!	12 Mia's project is due on the 21st. If today is the 14th, how many days does she have to complete the project?	13 Look at this calendar. What is the date of the second Tuesday?	14 Write an addition sentence with a sum of 365. Then write a related subtraction sentence.	15 Write three different times that are half past the hour.	16 Use the word <i>length</i> in a sentence.	17 Look at this calendar to write the dates for the following: 1. tomorrow 2. yesterday 3. next Friday 4. last Thursday
18 Family Day!	19 What is the value of the tens digit? What is the value of the ones digit? What is another way to write the number?	20 Use tally marks to show the number 9.	21 Show the number 15 in five different ways.	22 Write an addition problem with a sum of 17.	23 What is today's date? If you trace around the box for the date, what shape do you make? If you trace around the edge of the box for the entire month, what shape do you make?	24 Which digit in the number 476 has the greatest value? Explain.
25 Family Day!	26 Back to School! Start with 75. Count by fives to 100. Start with 75. Count back by ones to 65. Start with 75. Count back by fives to 50.	27 Complete the following sentences. 10 plus 10 is equal to <u> </u> . 43 plus 4 is equal to <u> </u> . 100 plus 62 is equal to <u> </u> .	28 How many of each of these coins is equal to 50¢? <u> </u> pennies <u> </u> quarters <u> </u> dimes <u> </u> nickels	29 Start with 100. Count by hundreds to 1,000. Start with 100. Count by tens to 340. Start with 100. Count by fives to 225.	30 Write a number with an 8 in the tens place. Write a number with an 8 in the ones place	31 Write the difference for each problem. Then write two more facts that have the same difference as these problems. $12 - 5 =$ <u> </u> $9 - 2 =$ <u> </u> <u> </u> = <u> </u> <u> </u> = <u> </u>


Math Calendar for Students Entering Grade 3: August 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>4 Family Day!</p> <p>5 Complete these three subtraction sentences that each have the number 20 in them. $20 - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - 20 = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = 20$</p>	<p>6 $7 + 4 = \underline{\quad} 11$ $9 + 2 = \underline{\quad} 11$ $7 + 6 = \underline{\quad} 13$ $9 + 8 = \underline{\quad} 17$ $6 + 5 = \underline{\quad} 11$</p>	<p>7 Add different numbers to 31, such as 4, 8, 20, and 45. 35; 39; 54; 76</p>	<p>1 Find two numbers on this calendar that have a difference of 11.</p>	<p>2 Find the missing addend. $47 + \underline{\quad} = 50$ 3 $44 + \underline{\quad} = 50$ 6 $41 + \underline{\quad} = 50$ 9</p>	<p>3 $9 - 9 = \underline{\quad} 0$ $9 - 8 = \underline{\quad} 1$ $9 - 7 = \underline{\quad} 2$</p>	
<p>11 Family Day!</p> <p>12 Mia's project is due on the 21st. If today is the 14th, how many days does she have to complete the project? 7 days</p>	<p>13 Look at this calendar. What is the date of the second Tuesday? 14th</p>	<p>14 Write an addition sentence with a sum of 365. Then write a related subtraction sentence. Possible answer: $213 + 152 = 365$; $365 - 213 = 152$</p>	<p>15 Write three different times that are half past the hour.</p>	<p>8 Write an addition problem with two 2-digit numbers. Write a problem in which you need to regroup the ones.</p>	<p>9 Write an addition problem using 146 and another 3-digit number as addends. Be sure regrouping is needed in the ones place to find the solution.</p>	<p>10 Start by subtracting 2 from 458. Next, subtract 20 from that difference. Then, subtract 200 more. What number do you have now? 236</p>
<p>18 Family Day!</p> <p>19 27 What is the value of the tens digit? Possible answers: 20; 2 tens What is the value of the ones digit? Possible answers: 7; 7 ones What is another way to write the number? Possible answer: $20 + 7$</p>	<p>20 Use tally marks to show the number 9.</p>	<p>21 Show the number 15 in five different ways. Some possible answers: fifteen; 10 + 5; 18 - 3; 5 + 5 + 5; a quick picture drawing of 1 ten and 5 ones</p>	<p>22 Write an addition problem with a sum of 17.</p>	<p>23 What is today's date? If you trace around the box for the date, what shape do you make? If you trace around the edge of the box for the entire month, what shape do you make?</p>	<p>16 Use the word <i>length</i> in a sentence.</p>	<p>17 Look at this calendar to write the dates for the following: 1. tomorrow 19th 2. yesterday 17th 3. next Friday 24th 4. last Thursday 16th</p>
<p>25 Family Day!</p> <p>26 Back to School! Start with 75. Count by fives to 100. 75, 80, 85, 90, 95, 100 Start with 75. Count back by ones to 65. 75, 74, 73, 72, 71, 70, 69, 68, 67, 66, 65 Start with 75. Count back by fives to 50. 75, 70, 65, 60, 55, 50</p>	<p>27 Complete the following sentences. 10 plus 10 is equal to 20 43 plus 4 is equal to 47 100 plus 62 is equal to 162</p>	<p>28 How many of each of these coins is equal to 50¢? ___ pennies 50 ___ quarters 2 ___ dimes 5 ___ nickels 10</p>	<p>29 Start with 100. Count by hundreds to 1,000. Start with 100. Count by tens to 340. Start with 100. Count by fives to 225.</p>	<p>30 Write a number with an 8 in the tens place. Write a number with an 8 in the ones place</p>	<p>31 Write the difference for each problem. Then write two more facts that have the same difference as these problems. $12 - 5 = \underline{\quad} 7$ $9 - 2 = \underline{\quad} 7$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ $\underline{\quad} - \underline{\quad} = \underline{\quad}$ Answers may vary. Some possible answers: $7 - 0 = 7$; $13 - 6 = 7$; $10 - 3 = 7$</p>	<p>24 Which digit in the number 476 has the greatest value? Explain. 4; Possible answer: The digit 4 is in the hundreds place, so it has the greatest value</p>



Math Calendar for Students Entering Grade 4: July 2019



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!	1 Andy sees a computer printer with a price of \$115. What is the price of the computer printer rounded to the nearest ten?	2 There were 418 tickets collected at the Lane Theater before noon. In the afternoon, there were 289 tickets collected. About how many tickets were collected in all?	3 There were 687 people at a baseball game. A newspaper reported this number rounded to the nearest hundred. What number did the newspaper report?	4 	5 The Mill Street School has students attending third and fourth grades. There are 87 third-grade students and 203 fourth-grade students. Estimate the total number of students in the third and fourth grades in the school.	6 Ben and Carly collect baseball cards. Ben has 147 cards. Carly has 261 cards. What is the best estimate of the number of cards they have in all?
7 Family Day!	8 A bookstore has 308 books and 115 magazines. How many more books are there than magazines?	9 Mr. Janis ordered 245 stuffed animals and 375 toy cars for the store. How many toys did Mr. Janis order in all?	10 Bernadette estimated the sum of two numbers to be about 300. Think of two numbers that Bernadette could have been adding. Explain how you could estimate the sum 300 using the numbers you chose.	11 At the 2008 Summer Olympics, the United States won 64 more medals than Australia. If Australia won 46 medals, how many medals did the United States win?	12 Cora is reading a book that has 407 pages. She has already read 289 pages. How many pages does Cora have left to read?	13 Rosa made a picture graph to show how many hours a week she spent on different activities. This is her key: Each • = 2 hours. How many hours does ••• stand for?
14 Family Day!	15 Subtract. $\begin{array}{r} 947 \\ - 799 \\ \hline \end{array}$	16 Leslie has 960 tickets. She uses 475 tickets to get a puzzle. How many tickets does she have left?	17 Veronica and 5 of her friends each received 2 free passes to see any movie of their choice. Write a number sentence to show the total number of free passes Veronica and her friends received.	18 Ellis has 6 boxes. Each box holds 1 pencil. Write a number sentence to show how many pencils Ellis has in all.	19 Betty put 4 photos on each page of her photo album. If she filled 6 pages, how many photos did Betty put in her album?	20 There are 7 dogs staying at Bow Wow Beach Resort. Each dog eats 1 can of food a day. How many cans of food will the dogs eat in a week?
21 Family Day!	22 The Kwan family is driving 297 miles from Erie, Pennsylvania, to Philadelphia, Pennsylvania. They have already driven 238 miles. How many miles do they have left to drive?	23 Josephine has 3 boxes, each with 5 pencils, and 6 packages, each with 2 markers. How many more pencils does Josephine have than markers?	24 Delia bought 2 bags of oranges. Each bag had 5 oranges. How many oranges did Delia buy?	25 Juan and Karen are thinking of numbers between 10 and 20. Juan's number is a multiple of 4. Karen's number is a multiple of 5. Juan's number is greater than Karen's. What number could be Juan's number?	26 Mrs. Moon arranged the desks in her classroom in 5 rows with 8 desks in each row. How many desks did Mrs. Moon arrange?	27 Use the factors 3 and 6 to write an equation that shows the Commutative Property of Multiplication.
28 Family Day!	29 Colin rode his bicycle 9 miles each day for one week. What is the total number of miles he rode his bicycle in one week?	30 $90 \div 3$ is one way to show 93. What is another way to show 93?	31 Mr. Lee's farm has 384 baby chicks. Ms. Rudin's farm has 25 more baby chicks than Mr. Lee's farm. How many baby chicks do they have in all? A. 409 baby chicks B. 743 baby chicks C. 793 baby chicks D. 818 baby chicks			

Math Calendar for Students Entering Grade 4: July 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!!	1 Andy sees a computer printer with a price of \$115. What is the price of the computer printer rounded to the nearest ten? <i>\$120</i>	2 There were 418 tickets collected at the Lane Theater before noon. In the afternoon, there were 289 tickets collected. About how many tickets were collected in all? <i>About 700 tickets</i>	3 There were 687 people at a baseball game. A newspaper reported this number rounded to the nearest hundred. What number did the newspaper report? <i>700</i>	4 At the 2008 Summer Olympics, the United States won 64 more medals than Australia. If Australia won 46 medals, how many medals did the United States win? <i>110</i>	5 The Mill Street School has students attending third and fourth grades. There are 87 third-grade students and 203 fourth-grade students. Estimate the total number of students in the third and fourth grades in the school. <i>Possible answers: 300; 290</i>	6 Ben and Carly collect baseball cards. Ben has 147 cards. Carly has 261 cards. What is the best estimate of the number of cards they have in all? <i>410</i>
7 Family Day!!	8 A bookstore has 308 books and 115 magazines. How many more books are there than magazines? <i>193</i>	9 Mr. Janis ordered 245 stuffed animals and 375 toy cars for the store. How many toys did Mr. Janis order in all? <i>620</i>	10 Bernadette estimated the sum of two numbers to be about 300. Think of two numbers that Bernadette could have been adding. Explain how you could estimate the sum 300 using the numbers you chose. <i>Possible answer: 144 rounds to 140, 162 rounds to 160 for the nearest ten. 140 + 160 = 300</i>	11 Ellis has 6 boxes. Each box holds 1 pencil. Write a number sentence to show how many pencils Ellis has in all. <i>$6 \times 1 = 6$</i>	12 Cora is reading a book that has 407 pages. She has already read 289 pages. How many pages does Cora have left to read? <i>118</i>	13 Rosa made a picture graph to show how many hours a week she spent on different activities. This is her key: Each * 2 hours. How many hours does *** stand for? <i>6 hours</i>
14 Family Day!!	15 Subtract. $\begin{array}{r} 947 \\ - 799 \\ \hline 148 \end{array}$	16 Leslie has 960 tickets. She uses 475 tickets to get a puzzle. How many tickets does she have left? <i>485</i>	17 Veronica and 5 of her friends each received 2 free passes to see any movie of their choice. Write a number sentence to show the total number of free passes Veronica and her friends received. <i>$6 \times 2 = 12$</i>	18 Mrs. Moon arranged the desks in her classroom in 5 rows with 8 desks in each row. How many desks did Mrs. Moon arrange? <i>40</i>	19 Betty put 4 photos on each page of her photo album. If she filled 6 pages, how many photos did Betty put in her album? <i>24</i>	20 There are 7 dogs staying at Bow Wow Beach Resort. Each dog eats 1 can of food a day. How many cans of food will the dogs eat in a week? <i>49</i>
21 Family Day!!	22 The Kwan family is driving 297 miles from Erie, Pennsylvania, to Philadelphia, Pennsylvania. They have already driven 238 miles. How many miles do they have left to drive? <i>59 miles</i>	23 Josephine has 3 boxes, each with 5 pencils, and 6 packages, each with 2 markers. How many more pencils does Josephine have than markers? <i>3</i>	24 Delia bought 2 bags of oranges. Each bag had 5 oranges. How many oranges did Delia buy? <i>10</i>	25 Juan and Karen are thinking of numbers between 10 and 20. Juan's number is a multiple of 4. Karen's number is a multiple of 5. Juan's number is greater than Karen's. What number could be Juan's number? <i>16</i>	26 Mrs. Moon arranged the desks in her classroom in 5 rows with 8 desks in each row. How many desks did Mrs. Moon arrange? <i>40</i>	27 Use the factors 3 and 6 to write an equation that shows the Commutative Property of Multiplication. <i>$6 \times 3 = 3 \times 6$</i>
28 Family Day!!	29 Colin rode his bicycle 9 miles each day for one week. What is the total number of miles he rode his bicycle in one week? <i>63</i>	30 $90 \div 3$ is one way to show 93. What is another way to show 93? <i>Possible responses: 9 tens 3 ones; 93 ones</i>	31 Mr. Lee's farm has 384 baby chicks. Ms. Rudin's farm has 25 more baby chicks than Mr. Lee's farm. How many baby chicks do they have in all? A. 409 baby chicks B. 743 baby chicks C. 793 baby chicks D. 818 baby chicks <i>C</i>			

Math Calendar for Students Entering Grade 4: August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!!	5 An aquarium has 346 fish. Another 433 fish are added to the aquarium. Estimate the total number of fish in the aquarium to the nearest 10.	6 Nicholas has 3 bags of marbles. There are 6 marbles in each bag. How many marbles are there in all?	7 The state fair sold 417 tickets on Friday and 258 tickets on Saturday. How many more tickets were sold on Friday than on Saturday?	8 A classroom has 5 rows of desks with 6 desks in each row. How many desks in all are in the classroom?	9 Brooke has 12 butterfly stickers. She wants to put an equal number of stickers on each of 2 cards. How many stickers can she put on each card?	10 Dario wants to divide 35 sports cards equally among 5 of his friends. How many sports cards will each friend get?
11 Family Day!!	12 Write an equation that is a related fact for $6 \times 4 = 24$	13 Write an equation to show how you can use the Distributive Property to find 6×9 .	14 The product of two factors is 27. One factor is 9. What is the other factor?	15 Luisa has 20 stamps. She puts an equal number of stamps on each of 5 sheets. How many stamps go on each sheet?	16 Ivan spends \$208 on 7 flashlights and a tent for a family camping trip. Each flashlight costs the same amount and the tent costs \$145. How much does each flashlight cost?	17 Nicole is putting eggs into a box. She puts 6 eggs in each row. She makes 4 rows. How many eggs does Nicole put into the box?
18 Family Day!!	19 Dan ordered a pizza. It was divided into 8 equal slices. His brother ate 1 slice. How much of the pizza did his brother eat?	20 Tim has 42 baseball cards. He wants to divide them equally among 6 boxes. He is not sure how many cards to put in each box. Write a number sentence to help him.	21 Jordan has 32 trophies. He wants to put his trophies on a bookcase that has 4 shelves. How many trophies should he put on each shelf to have an equal number of trophies on each shelf?	22 Laurel and her class are collecting bottles and cans to recycle. She collected 129 bottles and 92 cans. About how many items did Laurel collect in all?	23 A carton of fruit has 48 oranges. Another carton has 24 oranges. Jim wants to put all of the oranges from the cartons into equal groups with 9 oranges in each group. How many equal groups can he make?	24 Rita started reading a book at 4:03 P.M. She read until one half hour past 4 in the afternoon. For how many minutes did Rita read?
25 Family Day!!	26 Back to School! Jamie spent 45 minutes painting a picture. Then she spent 10 minutes eating a snack. Then she left home to go to her friend's house at 2:10 p.m. At what time did Jamie start painting?	27 What is the side length of a square that has a perimeter of 20 inches	28 Ken bought a bag of 12 dog biscuits. He wants to share the biscuits equally among his 3 dogs. How many biscuits will each dog get?	29 Name a figure that has more than 1 right angle.	30 Kenneth planted 3 rows of carrot plants in his front yard. He also planted 3 rows of carrot plants in his backyard. He put 8 plants in each row. How many carrot plants did Kenneth plant in all?	31 Christopher scored 889 points in a video game. What is Christopher's score rounded to the nearest hundred?

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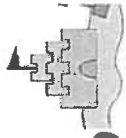
Math Calendar for Students Entering Grade 4: August 2019 Answers




Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!!	5 An aquarium has 346 fish. Another 433 fish are added to the aquarium. Estimate the total number of fish in the aquarium to the nearest 10. 780	6 Nicholas has 3 bags of marbles. There are 6 marbles in each bag. How many marbles are there in all? 18 marbles	7 The state fair sold 417 tickets on Friday and 258 tickets on Saturday. How many more tickets were sold on Friday than on Saturday? 159	8 A classroom has 5 rows of desks with 6 desks in each row. How many desks in all are in the classroom? 30	9 Brooke has 12 butterfly stickers. She wants to put an equal number of stickers on each of 2 cards. How many stickers can she put on each card? 6	10 Dario wants to divide 35 sports cards equally among 5 of his friends. How many sports cards will each friend get? 7
11 Family Day!!	12 Write an equation that is a related fact for $6 \times 4 = 24$. Possible answer: $4 \times 6 = 24$; $24 \div 4 = 6$; $24 \div 6 = 4$	13 Write an equation to show how you can use the Distributive Property to find 6×9 . Possible answer: $6 \times 9 = (6 \times 5) + (6 \times 4)$	14 The product of two factors is 27. One factor is 9. What is the other factor? 3	15 Luisa has 20 stamps. She puts an equal number of stamps on each of 5 sheets. How many stamps go on each sheet? 4 stamps	16 Ivan spends \$208 on 7 flashlights and a tent for a family camping trip. Each flashlight costs the same amount and the tent costs \$145. How much does each flashlight cost? \$9	17 Nicole is putting eggs into a box. She puts 6 eggs in each row. She makes 4 rows. How many eggs does Nicole put into the box? 24 eggs
18 Family Day!!	19 Dan ordered a pizza. It was divided into 8 equal slices. His brother ate 1 slice. How much of the pizza did his brother eat? One eighth; $1/8$	20 Tim has 42 baseball cards. He wants to divide them equally among 6 boxes. He is not sure how many cards to put in each box. Write a number sentence to help him. Possible answers: $6 \times 7 = 42$; $42 \div 6 = 7$	21 Jordan has 32 trophies. He wants to put his trophies on a bookcase that has 4 shelves. How many trophies should he put on each shelf to have an equal number of trophies on each shelf? 8 trophies	22 Laurel and her class are collecting bottles and cans to recycle. She collected 129 bottles and 92 cans. About how many items did Laurel collect in all? About 200	23 A carton of fruit has 48 oranges. Another carton has 24 oranges. Jim wants to put all of the oranges from the cartons into equal groups with 9 oranges in each group. How many equal groups can he make? 8	24 Rita started reading a book at 4:03 P.M. She read until one half hour past 4 in the afternoon. For how many minutes did Rita read? 27 minutes
25 Family Day!!	26 Back to School! Jamie spent 45 minutes painting a picture. Then she spent 10 minutes eating a snack. Then she left home to go to her friend's house at 2:10 p.m. At what time did Jamie start painting? 1:15 p.m.	27 What is the side length of a square that has a perimeter of 20 inches? 5 inches	28 Ken bought a bag of 12 dog biscuits. He wants to share the biscuits equally among his 3 dogs. How many biscuits will each dog get? 4	29 Name a figure that has more than 1 right angle. Possible answers: rectangle, square	30 Kenneth planted 3 rows of carrot plants in his front yard. He also planted 3 rows of carrot plants in his backyard. He put 8 plants in each row. How many carrot plants did Kenneth plant in all? 48	31 Christopher scored 889 points in a video game. What is Christopher's score rounded to the nearest hundred? 900



Math Calendar for Students Entering Grade 5: July 2019



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7 Family Day!!	1 The total area of North Dakota is about 70,700 square miles. What is 70,700 written in expanded form?	2 Dora made a list of elevations of four U.S. mountain peaks: Boundary Peak: 13,140 feet, Granite Peak: 12,807 feet, King's Peak: 13,528 feet, and Mount Mauna Kea: 13,680 feet. Which peak has the highest elevation?	3 Mr. Gomez is looking for a new car. At one car lot, he finds the model he wants listed for \$21,480. At another car lot, he finds the same model listed for \$20,985. Write a statement that compares the prices of the models. Use $>$, $<$, or $=$.	4 	5 The total area of Tennessee is 42,143 square miles. What number is 42,143 rounded to the nearest ten thousand?	6 A weather balloon at an elevation of 7,590 meters dropped 1,624 meters to collect data. At what elevation did the weather balloon collect the data?
14 Family Day!!	8 Antonio sees some sea stars at the aquarium. Each sea star has 5 legs. Antonio counts 30 legs in all. How many sea stars does he see?	9 A new sports stadium has 5,900 seats. Elena said that she could rename the number of seats as 4 thousands and some hundreds. How many hundreds does Elena need to write in the name for 5,900?	10 For Field Day, the students were grouped into 20 teams of 10 students each. How many is 20 tens?	11 Tim and her mom paid \$12 for a child's ticket and an adult ticket to attend a flower show. An adult ticket cost 2 times as much as a child's ticket. How much was an adult ticket?	12 Mata earns \$24 per week babysitting. How much will she earn in 30 weeks?	13 Use rounding to estimate the product of 42 and 29.
21 Family Day!!	15 The auditorium has 23 rows of seats. There are 18 seats in each row. What is the total number of seats?	16 There are 28 students in each fourth grade homeroom. There are 4 homerooms. Estimate how many students are in fourth grade?	17 Four friends split a bill for lunch equally. The bill is \$49. Estimate how much each person pays for lunch.	18 Justin has 21 feet of ribbon to decorate 4 packages. How long will each ribbon be if he cuts the ribbon into equal pieces?	19 Susie is shipping tomatoes. She ships 85 crates of tomatoes. Each crate has 95 tomatoes. How many tomatoes does Susie ship?	20 Julie collected 78 leaves at the park for a pressed-leaf collection. If she places an equal number of leaves in each of 3 books, how many leaves will be in each book?
28 Family Day!!	22 Nora used 20 blocks to build two towers. The number of blocks used to build each tower was a multiple of 4. What are possible numbers of blocks used to make the towers?	23 Sarah has a jar that holds 90 quarters. She adds 5 quarters a week to the jar. The jar is full. For how many weeks has Sarah added quarters to the jar?	24 Sam earned \$12 for each car he washed. One day he washed 7 cars. He also received \$7 in tips. How much did Sam earn by washing cars that day?	25 What number between 60 and 85 is divisible by 6 and by 9?	26 Bai is bringing brownies and frozen yogurt to her neighborhood block party. She bakes 2 dozen brownies. Suppose 1 quart of frozen yogurt yields 8 scoops. How many quarts of frozen yogurt will Bai need to serve one scoop of frozen yogurt with every brownie?	27 Two fractions are equivalent to $\frac{1}{4}$. The fractions have the denominators 8 and 16. What are the fractions?
28 Family Day!!	29 A fraction is in simplest form when the only number by which both the numerator and the denominator can be divided evenly is _____.	30 The Kuskokwim and Tanana Rivers are located in Alaska. The Kuskokwim River is 724 miles long, and the Tanana River is 659 miles long. How much longer is the Kuskokwim River than the Tanana River?	31 The Cruz family needs to buy a new vacuum. The family can buy a vacuum from Vicky's Vacuums and make 4 payments of \$80, or they can buy a vacuum from Ali's Hardware and make 9 payments of \$50. Which store offers the better price? A. Vicky's Vacuums B. Ali's Hardware C. Both stores are the same D. Not enough information			

Math Calendar for Students Entering Grade 5: July 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!!</p> <p>1 The total area of North Dakota is about 70,700 square miles. What is 70,700 written in expanded form? $70,000 + 700$</p>	<p>2 Dora made a list of elevations of four U.S. mountain peaks: Boundary Peak: 13,140 feet, Granite Peak: 12,807 feet, King's Peak: 13,528 feet, and Mount Mauna Kea: 13,680 feet. Which peak has the highest elevation? <i>Mt Mauna Kea</i></p>	<p>3 Mr. Gomez is looking for a new car. At one car lot, he finds the model he wants listed for \$21,180. At another car lot, he finds the same model listed for \$20,985. Write a statement that compares the prices of the models. Use $>$, $<$, or $=$. <i>Possible answer: $\\$21,180 < \\$20,985$</i></p>	<p>4</p> <p>Family Day!!</p> <p>11 Tia and her mom paid \$12 for a child's ticket and an adult ticket to attend a flower show. An adult ticket cost 2 times as much as a child's ticket. How much was an adult ticket? <i>58</i></p>	<p>5 The total area of Tennessee is 42,143 square miles. What number is 42,143 rounded to the nearest ten thousand? <i>40,000</i></p>	<p>6 A weather balloon at an elevation of 7,590 meters dropped 1,624 meters to collect data. At what elevation did the weather balloon collect the data? <i>5,966 meters</i></p>	
<p>7</p> <p>Family Day!!</p> <p>8 Antonio sees some sea stars at the aquarium. Each sea star has 5 legs. Antonio counts 30 legs in all. How many sea stars does he see? <i>6 sea stars</i></p>	<p>9 A new sports stadium has 5,900 seats. Elena said that she could rename the number of seats as 4 thousands and some hundreds. How many hundreds does Elena need to write in the name for 5,900? <i>19</i></p>	<p>10 For Field Day, the students were grouped into 20 teams of 10 students each. How many is 20 tens? <i>200</i></p>	<p>12 Mata earns \$24 per week babysitting. How much will she earn in 30 weeks? <i>\$720</i></p>	<p>13 Use rounding to estimate the product of 42 and 29. <i>1,200</i></p>		
<p>14</p> <p>Family Day!!</p> <p>15 The auditorium has 23 rows of seats. There are 18 seats in each row. What is the total number of seats? <i>414 seats</i></p>	<p>16 There are 28 students in each fourth grade homeroom. There are 4 homerooms. Estimate how many students are in fourth grade? <i>Possible answer: about 120</i></p>	<p>17 Four friends split a bill for lunch equally. The bill is \$49. Estimate how much each person pays for lunch. <i>Possible answer: about \$12</i></p>	<p>18 Justin has 21 feet of ribbon to decorate 4 packages. How long will each ribbon be if he cuts the ribbon into equal pieces? <i>5 1/4 feet</i></p>	<p>19 Susie is shipping tomatoes. She ships 85 crates of tomatoes. Each crate has 95 tomatoes. How many tomatoes does Susie ship? <i>8,075 tomatoes</i></p>	<p>20 Julie collected 78 leaves at the park for a pressed-leaf collection. If she places an equal number of leaves in each of 3 books, how many leaves will be in each book? <i>26 leaves</i></p>	
<p>21</p> <p>Family Day!!</p> <p>22 Nora used 20 blocks to build two towers. The number of blocks used to build each tower was a multiple of 4. What are possible numbers of blocks used to make the towers? <i>Possible answer: 8 blocks and 12 blocks</i></p>	<p>23 Sarah has a jar that holds 90 quarters. She adds 5 quarters a week to the jar. The jar is full. For how many weeks has Sarah added quarters to the jar? <i>18 weeks</i></p>	<p>24 Sam earned \$12 for each car he washed. One day he washed 7 cars. He also received \$7 in tips. How much did Sam earn by washing cars that day? <i>\$91</i></p>	<p>25 What number between 60 and 85 is divisible by 6 and by 9? <i>72</i></p>	<p>26 Bai is bringing brownies and frozen yogurt to her neighborhood block party. She bakes 2 dozen brownies. Suppose 1 quart of frozen yogurt yields 8 scoops. How many quarts of frozen yogurt will Bai need to serve one scoop of frozen yogurt with every brownie? <i>3 quarts</i></p>	<p>27 Two fractions are equivalent to $1/4$. The fractions have the denominators 8 and 16. What are the fractions? <i>2/8; 4/16</i></p>	
<p>28</p> <p>Family Day!!</p> <p>29 A fraction is in simplest form when the only number by which both the numerator and the denominator can be divided evenly is _____.</p>	<p>30 The Kuskokwim and Tanana Rivers are located in Alaska. The Kuskokwim River is 724 miles long, and the Tanana River is 659 miles long. How much longer is the Kuskokwim River than the Tanana River? <i>65 miles</i></p>	<p>31 The Cruz family needs to buy a new vacuum. The family can buy a vacuum from Vicky's Vacuums and make 4 payments of \$90, or they can buy a vacuum from Al's Hardware and make 9 payments of \$50. Which store offers the better price? A. Vicky's Vacuums B. Al's Hardware C. Both stores are the same D. Not enough information A</p>				



Math Calendar for Students Entering Grade 5: August 2019



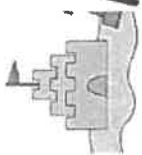
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				<p>1 For a recipe for trail mix, James needs $\frac{1}{3}$ cup of walnuts, $\frac{1}{4}$ cup of coconut, $\frac{3}{4}$ cup of oats, and $\frac{2}{3}$ cup of raisins. Which ingredient is closest to 1 cup?</p>	<p>2 Cody and Ross ordered two same-size pizzas. Cody ate $\frac{2}{6}$ of his pizza. Ross ate the same amount from the second pizza. Write a different fraction that could represent the amount of pizza Ross ate.</p>	<p>3 Lucia spent $\frac{3}{4}$ of her allowance on snacks. Write a fraction equivalent to $\frac{3}{4}$.</p>
<p>4 Family Day!!</p>	<p>5 To make a sauce, Suzie needs to combine $\frac{1}{8}$ cup of cream and $\frac{5}{8}$ cup of broth. How many cups of sauce will Suzie have?</p>	<p>6 Bob completed $\frac{9}{12}$ of his homework problems. Write a fraction that is equivalent to $\frac{9}{12}$.</p>	<p>7 Write a number that rounds to 57,800.</p>	<p>8 Rebecca works at a library and checks in 114 books one day. If she checks in the same number of books every day, how many books will she check in by the end of seven days?</p>	<p>9 Juan collected 112 cans of food for a canned food drive. He is packing the cans in boxes. He can fit 8 cans in each box. How many boxes does he need to pack all 112 cans?</p>	<p>10 Jess is laying down tiles in rows. She will have more than 4 rows, but less than 10 rows. She wants to lay down the same number of tiles in each row. She starts with 63 tiles. What numbers of rows could have the same number of tiles?</p>
<p>11 Family Day!!</p>	<p>12 Fran makes lasagna and divides it into 12 equal pieces. Her family eats 8 pieces for dinner. There is $\frac{4}{12}$ of the lasagna left. How can you write $\frac{4}{12}$ as the sum of unit fractions?</p>	<p>13 Mrs. Reyes makes 32 ounces of peppermint soap. She molds the soap into 6 bars. About how many ounces is each bar of soap?</p>	<p>14 Mr. Vinn uses $\frac{1}{8}$ can of paint on Monday and $\frac{3}{8}$ of the same can of paint on Tuesday. What part of the can of paint does Mr. Vinn use in all?</p>	<p>15 Lulu has 1 $\frac{3}{4}$ loaves of banana bread. She cuts the loaves into $\frac{1}{4}$ pieces. She counts the number of fourth-size pieces she cuts. Write 1 $\frac{3}{4}$ as a fraction.</p>	<p>16 Joel lives $\frac{5}{8}$ of a mile from the library. Nina lives $\frac{1}{2}$ of a mile from the library. Theo lives $\frac{4}{10}$ of a mile from the library. Write the fractions of a mile in order from least to greatest.</p>	<p>17 Derek built a birdhouse with 10 sections. Birds built nests in 4 of the sections of his birdhouse. What fraction of the sections have nests?</p>
<p>18 Family Day!!</p>	<p>19 A flight takes 1 $\frac{1}{4}$ hours to get from New York, NY, to Washington, D.C. Another flight takes three times as long to go from New York, NY, to Orlando, FL. How long is the flight from New York to Orlando?</p>	<p>20 The weather reporter on the nightly news said that $\frac{3}{10}$ inch of rain fell in the last 24 hours in the local area. What is $\frac{3}{10}$ written as a decimal?</p>	<p>21 Crosby walked $\frac{7}{10}$ of a mile to school each day. Write a hundredths decimal equivalent to $\frac{7}{10}$.</p>	<p>22 James reads $\frac{3}{10}$ of his book Monday and $\frac{2}{10}$ of his book on Tuesday. How much of his book has James read?</p>	<p>23 Brandon ran $\frac{6}{10}$ mile to warm up before practice and $\frac{25}{100}$ mile to cool down after practice. How far did he run?</p>	<p>24 Mr. Diaz buys 864 straws. The straws come in 6 boxes with the same number of straws in each box. How many straws are in each box?</p>
<p>25 Family Day!!</p>	<p>26 Back to School! Teresa worked $\frac{5}{6}$ hour at the school health festival. Miguel worked $\frac{3}{4}$ hour and Yolanda worked $\frac{2}{3}$ hour. Which shows the fractions of hours worked in order from least to greatest?</p>	<p>27 Carlos had \$20. He bought a DVD for \$13.86. How much money does Carlos have left?</p>	<p>28 Tanya has a roll of paper that is 3 meters long. How many centimeters long is the roll of paper?</p>	<p>29 Mrs. Santo sews a rectangular quilt that measures 40 inches long and 32 inches wide. She wants to add trim around the outside edge. How much trim should Mrs. Santo buy?</p>	<p>30 Mrs. Chang has 3 children. She wants to buy enough juice for each child to have one box for each of 5 days. Draw a picture that shows the number of juice boxes Mrs. Chang should buy.</p>	<p>31 Lara is making a quilt blanket. The quilt will have no more than 8 equal sections. $\frac{3}{4}$ of the quilt will be made up of flower fabric. What other fraction could represent the part of the quilt that will have flower fabric?</p>

M. Hedvig 2019

Math Calendar for Students Entering Grade 5: August 2019

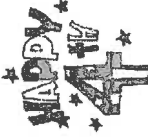
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!!	5 To make a sauce, Suzie needs to combine $\frac{1}{8}$ cup of cream and $\frac{5}{8}$ cup of broth. How many cups of sauce will Suzie have?	6 Bob completed $\frac{9}{12}$ of his homework problems. Write a fraction that is equivalent to $\frac{9}{12}$.	7 Write a number that rounds to 57,800.	8 Rebecca works at a library and checks in 114 books one day. If she checks in the same number of books every day, how many books will she check in by the end of seven days?	9 Juan collected 112 cans of food for a canned food drive. He is packing the cans in boxes. He can fit 8 cans in each box. How many boxes does he need to pack all 112 cans?	10 Jess is laying down tiles in rows. She will have more than 4 rows, but less than 10 rows. She wants to lay down the same number of tiles in each row. She starts with 63 tiles. What numbers of rows could have the same number of tiles?
11 Family Day!!	12 Fran makes lasagna and divides it into 12 equal pieces. Her family eats 8 pieces for dinner. There is $\frac{4}{12}$ of the lasagna left. How can you write $\frac{4}{12}$ as the sum of unit fractions?	13 Mrs. Reyes makes 32 ounces of peppermint soap. She molds the soap into 6 bars. About how many ounces is each bar of soap?	14 Mr. Vinn uses $\frac{1}{8}$ can of paint on Monday and $\frac{3}{8}$ of the same can of paint on Tuesday. What part of the can of paint does Mr. Vinn use in all?	15 Lulu has $1\frac{3}{4}$ loaves of banana bread. She cuts the loaves into $\frac{1}{4}$ pieces. She counts the number of fourth-size pieces she cuts. Write $1\frac{3}{4}$ as a fraction.	16 Joel lives $\frac{5}{8}$ of a mile from the library. Nina lives $\frac{1}{2}$ of a mile from the library. Theo lives $\frac{4}{10}$ of a mile from the library. Write the fractions of a mile in order from least to greatest.	17 Derek built a birdhouse with 10 sections. Birds built nests in 4 of the sections of his birdhouse. What fraction of the sections have nests?
18 Family Day!!	19 A flight takes $1\frac{1}{4}$ hours to get from New York, NY, to Washington, D.C. Another flight takes three times as long to go from New York, NY, to Orlando, FL. How long is the flight from New York to Orlando?	20 The weather reporter on the nightly news said that $\frac{3}{10}$ inch of rain fell in the last 24 hours in the local area. What is $\frac{3}{10}$ written as a decimal?	21 Crosby walked $\frac{7}{10}$ of a mile to school each day. Write a hundredths decimal equivalent to $\frac{7}{10}$.	22 James reads $\frac{3}{10}$ of his book Monday and $\frac{2}{10}$ of his book on Tuesday. How much of his book has James read?	23 Brandon ran $\frac{6}{10}$ mile to warm up before practice and $\frac{25}{100}$ mile to cool down after practice. How far did he run?	24 Mr. Diaz buys 864 straws. The straws come in 6 boxes with the same number of straws in each box. How many straws are in each box?
25 Family Day!!	26 Back to School! Teresa worked $\frac{5}{6}$ hour at the school health festival. Miguel worked $\frac{3}{4}$ hour and Yolanda worked $\frac{2}{3}$ hour. Which shows the fractions of hours worked in order from least to greatest?	27 Carlos had \$20. He bought a DVD for \$13.86. How much money does Carlos have left?	28 Tanya has a roll of paper that is 3 meters long. How many centimeters long is the roll of paper?	29 Mrs. Santo sews a rectangular quilt that measures 40 inches long and 32 inches wide. She wants to add trim around the outside edge. How much trim should Mrs. Santo buy?	30 Mrs. Chang has 3 children. She wants to buy enough juice for each child to have one box for each of 5 days. Draw a picture that shows the number of juice boxes Mrs. Chang should buy.	31 Lara is making a quilt blanket. The quilt will have no more than 8 equal sections. $\frac{3}{4}$ of the quilt will be made up of flower fabric. What other fraction could represent the part of the quilt that will have flower fabric?

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Math Calendar for Students Entering Grade 6: July 2019



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!!	1 Jerome buys 3 gallons of milk and 2 loaves of bread at the grocery store. Each gallon of milk costs \$2 and each loaf of bread costs \$4. How much money does Jerome spend at the grocery store?	2 A small theater has 126 seats arranged in 9 equal rows. How many seats are in each row?	3 What expression is five times as large as the expression $2,345 + 132$?	4 	5 Mr. Little has 125 cows on his farm. He has 3 barns for the cows. Using estimation, about how many cows are in each barn?	6 Marina baked 150 blueberry muffins for a bake sale. She is wrapping them in packages of 5. How many packages of blueberry muffins can Marina make?
Family Day!!	7 Anna owns a factory that makes 8 different flavors of gumballs. On Monday, the factory made a total of 896 gumballs. If the factory made an equal number of each flavor, how many of each flavor were made?	9 Yara collects postage stamps. She has 1,564 stamps in her collection. If Yara places an equal number of stamps in each of 6 books, how many stamps will she have left over?	10 Aliya is planning a party for 127 people. If each table can seat 8 people, what is the least number of tables Aliya will need?	11 Write the next step of the problem: $(4 \times 2) + 5 =$	12 Max competed in a 50-meter freestyle swimming event. His finishing time was 31.26 seconds. What is the value of the digit 6 in Max's time?	13 Maria made 4 pies for the school carnival. She cut each pie into 8 slices. If she sold 27 slices, how many slices did she have left over?
Family Day!!	14 Charisse has two pieces of rope. One measures 1.15 feet and the other measures 0.8 foot. About how much total length of rope does Charisse have?	16 Billy ran 100 yards in 12.8 seconds. Javon ran the same distance in 13.2 seconds. How much less was Billy's time than Javon's time?	17 Yesterday, Emily's Bike Shop sold three bikes that were priced at \$200 and four bikes priced at \$175. How much money did the bike shop make from sales?	18 Each runner in a charity race has to raise \$250 to participate. Suppose a runner receives 5 donations of \$40 each and 1 donation of \$35. How much more money does the runner need to raise in order to participate in the charity race?	19 The new preschool playground has an area of 220 square feet. It takes 20 pounds of sand to cover one square foot of the playground. How many pounds of sand will the preschool need to buy to cover the entire playground?	20 Leona writes articles for a local newspaper. She gets paid \$35 for each article she writes. How much will she make for writing 8 articles?
Family Day!!	21 Tracy uses 1.5 cups of flour to make 1 loaf of banana bread. How many cups of flour does she need for 100 loaves of banana bread?	23 Jaya earned \$264 in 3 weeks at her part time job. She earned the same amount each week. How much money did Jaya earn each week?	24 Ms. Thomas buys a new computer for \$659. She plans to pay it off in 8 monthly payments. If she pays the same amount each month, what is a good estimate of her monthly payment? Possible answer:	25 Mrs. Alvarez has a piece of ribbon that is 2.65 feet long. She cuts the ribbon into 5 equal pieces. What is a good estimate of the length of each piece of ribbon? Possible answer:	26 Rodrigo runs 17.5 miles every week. He runs the same distance each day. How far does Rodrigo run each day?	27 Serena is making curtains for her dollhouse. She has a piece of fabric that is 84.6 inches long that she will use to make 9 equal length curtains. How long will each curtain be?
Family Day!!	28 The fifth grade raised \$182 by selling tickets for a car wash. If each ticket cost \$3.25, how many tickets did the fifth grade sell?	30 A number pattern is shown below: 4, 8, 16, 32, ... Which rule can be used to find the next number in the pattern?	31 Which lists all the factors of 78? A. 1, 2, 3, 6, 13, 26, 39, 78 B. 1, 2, 4, 19, 39, 78 C. 1, 2, 6, 13, 39, 78 D. 2, 3, 6, 13, 26, 39			

Math Calendar for Students Entering Grade 6: July 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>Family Day!!</p> <p>1 Jerome buys 3 gallons of milk and 2 loaves of bread at the grocery store. Each gallon of milk costs \$2 and each loaf of bread costs \$4. How much money does Jerome spend at the grocery store? <i>\$14</i></p>	<p>2 A small theater has 126 seats arranged in 9 equal rows. How many seats are in each row? <i>14</i></p>	<p>3 What expression is five times as large as the expression $2,345 + 132$? <i>$5 \times (2,345 + 132)$</i></p>	<p>4 Write the next step of the problem: $(4 \times 2) + 5 = 8 + 5$</p>	<p>5 Mr. Little has 125 cows on his farm. He has 3 barns for the cows. Using estimation, about how many cows are in each barn? <i>Possible answer: about 40 cows</i></p>	<p>6 Marina baked 150 blueberry muffins for a bake sale. She is wrapping them in packages of 5. How many packages of blueberry muffins can Marina make? <i>30 packages</i></p>	
<p>7 Family Day!!</p> <p>8 Anna owns a factory that makes 8 different flavors of gumballs. On Monday, the factory made a total of 896 gumballs. If the factory made an equal number of each flavor, how many of each flavor were made? <i>112 of each flavor</i></p>	<p>9 Yara collects postage stamps. She has 1,564 stamps in her collection. If Yara places an equal number of stamps in each of 6 books, how many stamps will she have left over? <i>4 stamps</i></p>	<p>10 Aliya is planning a party for 127 people. If each table can seat 8 people, what is the least number of tables Aliya will need? <i>16 tables</i></p>	<p>11 Write the next step of the problem: $(4 \times 2) + 5 = 8 + 5$</p>	<p>12 Max competed in a 50-meter freestyle swimming event. His finishing time was 31.26 seconds. What is the value of the digit 6 in Max's time? <i>6 hundredths</i></p>	<p>13 Maria made 4 pies for the school carnival. She cut each pie into 8 slices. If she sold 27 slices, how many slices did she have left over? <i>5 slices</i></p>	
<p>14 Family Day!!</p> <p>15 Charisse has two pieces of rope. One measures 1.15 feet and the other measures 0.8 foot. About how much total length of rope does Charisse have? <i>about 2 feet</i></p>	<p>16 Billy ran 100 yards in 12.8 seconds. Javon ran the same distance in 13.2 seconds. How much less was Billy's time than Javon's time? <i>0.4 second</i></p>	<p>17 Yesterday, Emily's Bike Shop sold three bikes that were priced at \$200 and four bikes priced at \$175. How much money did the bike shop make from sales? <i>\$1,300</i></p>	<p>18 Each runner in a charity race has to raise \$250 to participate. Suppose a runner receives 5 donations of \$40 each and 1 donation of \$35. How much more money does the runner need to raise in order to participate in the charity race? <i>\$15</i></p>	<p>19 The new preschool playground has an area of 220 square feet. It takes 20 pounds of sand to cover one square foot of the playground. How many pounds of sand will the preschool need to buy to cover the entire playground? <i>4,400 pounds</i></p>	<p>20 Leona writes articles for a local newspaper. She gets paid \$35 for each article she writes. How much will she make for writing 8 articles? <i>\$280</i></p>	
<p>21 Family Day!!</p> <p>22 Tracy uses 1.5 cups of flour to make 1 loaf of banana bread. How many cups of flour does she need for 100 loaves of banana bread? <i>150 cups</i></p>	<p>23 Jaya earned \$264 in 3 weeks at her part time job. She earned the same amount each week. How much money did Jaya earn each week? <i>\$88</i></p>	<p>24 Ms. Thomas buys a new computer for \$659. She plans to pay it off in 8 monthly payments. If she pays the same amount each month, what is a good estimate of her monthly payment? <i>Possible answer: about \$80</i></p>	<p>25 Mrs. Alvarez has a piece of ribbon that is 2.65 feet long. She cuts the ribbon into 5 equal pieces. What is a good estimate of the length of each piece of ribbon? <i>Possible answer: 0.5 foot</i></p>	<p>26 Rodrigo runs 17.5 miles every week. He runs the same distance each day. How far does Rodrigo run each day? <i>2.5 miles</i></p>	<p>27 Serena is making curtains for her dollhouse. She has a piece of fabric that is 84.6 inches long that she will use to make 9 equal length curtains. How long will each curtain be? <i>9.4 inches</i></p>	
<p>28 Family Day!!</p> <p>29 The fifth grade raised \$182 by selling tickets for a car wash. If each ticket cost \$3.25, how many tickets did the fifth grade sell? <i>56</i></p>	<p>30 A number pattern is shown below: 4, 8, 16, 32, ... Which rule can be used to find the next number in the pattern? <i>Multiply by 2.</i></p>	<p>31 Which lists all the factors of 78? A. 1, 2, 3, 6, 13, 26, 39, 78 B. 1, 2, 4, 19, 39, 78 C. 1, 2, 6, 13, 39, 78 D. 2, 3, 6, 13, 26, 39 A</p>				

Math Calendar for Students Entering Grade 6: August 2019

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4	5 Dominique spent $3\frac{3}{4}$ hours at play practice on Tuesday and $1\frac{1}{2}$ hours on Thursday. How much longer did she spend at play practice on Tuesday than on Thursday?	6 Jacob has \$15 in his bank at home. He decides to save for a new skateboard. After one week, he has \$23 in his bank. After two weeks, he has \$31. After three weeks, he has \$39. If this pattern continues, how much money will Jacob have saved after six weeks?	7 Mrs. Chung uses $\frac{1}{4}$ cup of sugar to make one batch of scones, $\frac{1}{2}$ cup of sugar to make two batches, and $\frac{3}{4}$ cup of sugar to make three batches. How many cups of sugar does she need to make six batches of scones?	8 Dan uses $\frac{2}{3}$ cup of brown sugar and $\frac{1}{4}$ cup of white sugar to make oatmeal bars. How many cups of sugar does he use in all?	9 The school is $\frac{7}{8}$ mile from Leon's house. The library is $\frac{3}{4}$ mile from his house. How much farther from his house is Leon's school than the library?	10 Mr. Lai buys $2\frac{1}{4}$ pounds of red apples and $1\frac{3}{8}$ pounds of green apples. How many more pounds of red apples does he buy?
11	12 Joella watches $\frac{1}{2}$ of a movie before she falls asleep. If her brother watches only $\frac{1}{4}$ of the time Joella does, how much of the movie does her brother see?	13 Manny is preparing a dinner for his friends. He made 3 bowls of spaghetti sauce. If each bowl holds $\frac{3}{4}$ quart, how much sauce did Manny make?	14 If a mouse climbs $\frac{1}{2}$ foot per second, how many feet can it climb in 8 seconds?	15 Michelle bought 2 soccer balls priced at \$24.95 each. She paid for her purchase with three \$20 bills. How much change did she receive?	16 Gina is hiking from Park Headquarters to Blue Lake. She hiked $\frac{1}{2}$ the distance yesterday and another $\frac{1}{3}$ today. What fraction of the total distance remains for her to hike tomorrow?	17 Marcus jogged 3.5 miles on Monday, 3.8 miles on Tuesday, and 4.5 miles on Wednesday. If he jogged a total of 15 miles from Monday through Thursday, how far did he jog on Thursday?
18	19 Jessica served 4 pizzas at her party. Each pizza was divided into 8 pieces, and everyone at the party received 2 pieces. If there were 4 pieces left over, how many people were at the party?	20 Adam is making a square on a coordinate grid. What ordered pair describes the missing point, D, if A is (2, 1); B is (2, 6); and C is (7, 6)?	21 A pencil factory makes boxes containing 16 pencils each. If the pencil factory makes 24,880 pencils one day, how many boxes of pencils would be made?	22 Which addition property is being used in this problem? $1\frac{3}{4} + 2\frac{5}{7} = 2\frac{5}{7} + 1\frac{3}{4}$	23 Mr. Ferguson purchased 12 feet of border to trim a bulletin board in his classroom. How many yards of border did Mr. Ferguson purchase?	24 Carmen walked 75 feet from her house to the corner and then 4 blocks to the library. If each block was 150 feet long, what was the total distance that she walked?
24	26 Back to School! Mr. Reynolds used 2 pounds of oats to make trail mix. How many ounces of oats did he use?	27 Nanda drew a shape with four sides. The shape had one pair of parallel opposite sides and one pair of non-parallel opposite sides. What kind of shape did Nanda draw?	28 Elvira is making a calendar for the month of May. She is using poster board that is in the shape of a rectangle. The base of the rectangle is 18 inches. The height is 24 inches. What is the area of the poster board? (Area = base \times height)	29 Kaemon wants to buy the largest possible toy box for his sister. The store sells toy boxes sized 2ft \times 4ft \times 1ft, 5ft \times ft \times 2ft, and 4ft \times ft \times 1ft. Which toy box should Kaemon buy?	30 Hector used the expression $3.7 + 2.1 + 4.3$ to describe the number of miles that he ran in 3 days. How can he rewrite the expression, using both the Associative and Commutative Properties of Addition?	31 Mei hikes 3.2 miles on Saturday and 4.8 miles on Sunday. About how far does Mei hike in all?

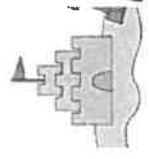
M. Hedwig 2019


Math Calendar for Students Entering Grade 6: August 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!	5 Dominique spent $3 \frac{3}{4}$ hours at play practice on Tuesday and $1 \frac{1}{2}$ hours on Thursday. How much longer did she spend at play practice on Tuesday than on Thursday? <i>2 1/4 hours</i>	6 Jacob has \$15 in his bank at home. He decides to save for a new skateboard. After one week, he has \$25 in his bank. After two weeks, he has \$31. After three weeks, he has \$39. If this pattern continues, how much money will Jacob have saved after six weeks? <i>\$63</i>	7 Mrs. Chung uses $\frac{1}{4}$ cup of sugar to make one batch of scones, $\frac{1}{2}$ cup of sugar to make two batches, and $\frac{3}{4}$ cup of sugar to make three batches. How many cups of sugar does she need to make six batches of scones? <i>1 1/2 cups</i>	8 Dan uses $\frac{2}{3}$ cup of brown sugar and $\frac{1}{4}$ cup of white sugar to make oatmeal bars. How many cups of sugar does he use in all? <i>11/12 cup</i>	9 The school is $\frac{7}{8}$ mile from Leon's house. The library is $\frac{3}{4}$ mile from his house. How many farther from his house is Leon's school than the library? <i>1/8 mile</i>	10 Mr. Lal buys $2 \frac{1}{4}$ pounds of red apples and $\frac{1}{3}$ pounds of green apples. How many more pounds of red apples does he buy? <i>7/8 pound</i>
11 Family Day!	12 Joella watches $\frac{1}{2}$ of a movie before she falls asleep. If her brother watches only $\frac{1}{4}$ of the time Joella does, how much of the movie does her brother see? <i>1/8</i>	13 Manny is preparing a dinner for his friends. He made 3 bowls of spaghetti sauce. If each bowl holds $\frac{3}{4}$ quart, how much sauce did Manny make? <i>2 1/4 quarts</i>	14 If a mouse climbs $\frac{1}{2}$ foot per second, how many feet can it climb in 8 seconds? <i>4 feet</i>	15 Michelle bought 2 soccer balls priced at \$24.95 each. She paid for her purchase with three \$20 bills. How much change did she receive? <i>\$10.10</i>	16 Gina is hiking from Park Headquarters to Blue Lake. She hiked $\frac{1}{2}$ the distance yesterday and another $\frac{1}{3}$ today. What fraction of the total distance remains for her to hike tomorrow? <i>1/6</i>	17 Marcus jogged 3.5 miles on Monday, 3.8 miles on Tuesday, and 4.5 miles on Wednesday. If he jogged a total of 15 miles from Monday through Thursday, how far did he jog on Thursday? <i>3.2 miles</i>
18 Family Day!	19 Jessica served 4 pizzas at her party. Each pizza was divided into 8 pieces, and everyone at the party received 2 pieces. If there were 4 pieces left over, how many people were at the party? <i>14</i>	20 Adam is making a square on a coordinate grid. What ordered pair describes the missing point, D, if A is (2, 1); B is (2, 6); and C is (7, 6)? <i>(7, 1)</i>	21 A pencil factory makes boxes containing 16 pencils each. If the pencil factory makes 24,880 pencils one day, how many boxes of pencils would be made? <i>1,555 boxes</i>	22 Which addition property is being used in this problem? $1 \frac{3}{4} + 2 \frac{5}{7} = 2 \frac{5}{7} + 1 \frac{3}{4}$ <i>Commutative Property</i>	23 Mr. Ferguson purchased 12 feet of border to trim a bulletin board in his classroom. How many yards of border did Mr. Ferguson purchase? <i>4 yards</i>	24 Carmen walked 75 feet from her house to the corner and then 4 blocks to the library. If each block was 150 feet long, what was the total distance that she walked? <i>675 feet</i>
25 Family Day!	26 Back to School! Mr. Reynolds used 2 pounds of oats to make trail mix. How many ounces of oats did he use? <i>32 ounces</i>	27 Nanda drew a shape with four sides. The shape had one pair of parallel opposite sides and one pair of non-parallel opposite sides. What kind of shape did Nanda draw? Possible answers: trapezoid; irregular quadrilateral	28 Elvira is making a calendar for the month of May. She is using poster board that is in the shape of a rectangle. The base of the rectangle is 18 inches. The height is 24 inches. What is the area of the poster board? (Area = base \times height) <i>432 square inches</i>	29 Kaemon wants to buy the largest possible toy box for his sister. The store sells toy boxes sized $2\text{ft} \times 4\text{ft} \times 1\text{ft}$, $5\text{ft} \times \text{ft} \times 2\text{ft}$, and $4\text{ft} \times \text{ft} \times 1\text{ft}$. Which toy box should Kaemon buy? the toy box that measures $5\text{ft} \times 2\text{ft} \times 1\text{ft}$	30 Hector used the expression $3.7 + 2.1 + 4.3$ to describe the number of miles that he ran in 3 days. How can he rewrite the expression, using both the Associative and Commutative Properties of Addition? <i>(3.7 + 4.3) + 2.1</i>	31 Mel hikes 3.2 miles on Saturday and 4.8 miles on Sunday. About how far does Mel hike in all? <i>8 miles</i>




Math Calendar for Students Entering Grade 7: July 2019



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!! 1 Stan rides his bike for 45 minutes each day. How many minutes does he ride in two weeks?	2 Darrell bought 8 cheeseburgers at \$1.27 each. How much did he spend?	3 A group of students are helping pass out fliers for a bake sale. They have 1,500 fliers to pass out. If they want to pass out all of the fliers in 3 hours, how many fliers do they need to pass out each hour?	4  11 What is thirty-eight thousand, seven written in standard form?	5 A six-pack of juice contains 2,130 milliliters of juice. How much juice is in each box?	6 Nathan is putting photos into frames. Each frame holds nine photos. If he fills each frame that he uses and has no leftover photos, is it reasonable to state that Nathan framed exactly 40 photos? Support your reasoning.	
7 Family Day!! 8 Amy and Jade bought packages of gum. Amy bought a total of 48 pieces. Jade bought a total of 32 pieces. If each package had the same number of pieces, is it possible that each package of gum contained 8 pieces? Explain.	9 Amos was elected representative of his class, receiving $\frac{3}{4}$ of the 24 votes cast. Is $\frac{18}{24}$ equivalent to the fraction of votes that Amos received? Support your answer.	10 Sean bought 0.24 pound of peanuts. What is this number as a fraction in simplest form?	11 One winter morning the temperature was -3°C . By noon, the temperature was 2°C . By midnight, the temperature was -1°C . Order the temperatures from least to greatest.	12 Clare bought 2 $\frac{3}{4}$ pounds of red apples and 3 $\frac{1}{2}$ pounds of green apples. How many pounds of apples did she buy in all?	13 Rodney needs to buy sorbet to serve to his friends. Each serving is $\frac{5}{8}$ pint. How much sorbet should Rodney buy to have exactly 4 servings?	
14 Family Day!! 15 A recipe for whole-wheat pizza crust calls for 1 $\frac{1}{2}$ cups of all-purpose flour. Jeremy has 5 $\frac{1}{4}$ cups of all-purpose flour. If he makes the recipe, how much flour will he have left?	16 A rectangular jewelry box is 2.5 inches long and 1.75 inches wide. What is the area of the top of the box?	17 Sarah has 8 $\frac{3}{4}$ cups of flour. Each batch of bread takes 1 $\frac{2}{3}$ cups of flour. How many whole batches of bread can Sarah make?	18 The Edwards family is driving from New York City, NY, to Raleigh, NC, a distance of 515 miles. They have traveled 325 miles so far. What is the ratio of miles they still have to drive to the total distance they will travel?	19 David pumps 14.6 gallons of gas into his car to fill the tank. If gas costs \$2.84 per gallon, how much does David spend to fill his car's gas tank?	20 Jackson is building a tree-house. He needs 24 boards for one wall. Each board is 3 $\frac{1}{2}$ feet long. What is the total length of the boards needed for the wall?	
21 Family Day!! 22 Maria baked a loaf of bread. She used 2 $\frac{3}{4}$ cups of flour. She has 6 $\frac{1}{2}$ cups of flour left. How much flour did Maria have to start with?	23 Maria bought 3.5 pounds of chicken at the store. The chicken was \$2.80 a pound. How much did Maria spend on the chicken?	24 A rope is cut into 4 equal-sized pieces, what is the length of each piece in feet?	25 Maury plays baseball. At practice, for every 10 minutes he spends practicing hitting, he spends 15 minutes practicing catching. Write a ratio to compare his hitting time to his catching time.	26 The Edwards family is driving from New York City, NY, to Raleigh, NC, a distance of 515 miles. They have traveled 325 miles so far. What is the ratio of miles they still have to drive to the total distance they will travel?	27 Megan has one piece of ribbon that is 12.3 inches long and one piece of ribbon that is 9.25 inches long. How much ribbon does she have in all?	
28 Family Day!! 29 Zubin has two pieces of string. One piece is 36 inches long and the other is 48 inches long. He wants to cut them into equal pieces that are as long as possible. Into what lengths should he cut the string?	30 Sarah painted a chalkboard on her wall using chalkboard paint. The chalkboard is 135 centimeters tall and 170 centimeters wide. She wants to put a border around it. About how long will the border need to be to go all the way around the chalkboard?	31 Fatima has $\frac{1}{2}$ gallon of milk. She wants to pour all the milk into 6 glasses. What fraction of a gallon should she pour into each glass? A. $\frac{1}{12}$ gallon B. $\frac{1}{6}$ gallon C. $\frac{1}{4}$ gallon D. $\frac{1}{2}$ gallon				

M. Hedwig 2019

Math Calendar for Students Entering Grade 7: July 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Family Day!!	1 Stan rides his bike for 45 minutes each day. How many minutes does he ride in two weeks? 630 minutes	2 Darrell bought 8 cheeseburgers at \$1.27 each. How much did he spend? \$10.16	3 A group of students are helping pass out fliers for a bake sale. They have 1,500 fliers to pass out. If they want to pass out all of the fliers in 3 hours, how many fliers do they need to pass out each hour? 500	4 	5 A six-pack of juice contains 2,130 milliliters of juice. How much juice is in each box? 355 milliliters	6 Nathan is putting photos into frames. Each frame holds nine photos. If he fills each frame that he uses and has no leftover photos, is it reasonable to state that Nathan framed exactly 40 photos? Support your reasoning. No; 40 divided by 9 is not a whole number.
7 Family Day!!	8 Amy and Jade bought packages of gum. Amy bought a total of 48 pieces. Jade bought a total of 32 pieces. If each package had the same number of pieces, is it possible that each package of gum contained 8 pieces? Explain. Yes; 48 divided by 8 is 6 and 32 divided by 8 is 4. Since 4 and 6 are whole numbers, it is possible that were 8 pieces of gum in each package.	9 Amos was elected representative of his class, receiving $\frac{3}{4}$ of the 24 votes cast. Is $\frac{18}{24}$ equivalent to the fraction of votes that Amos received? Support your answer. Yes; $\frac{18}{24}$ simplifies to $\frac{3}{4}$ since 18 divided by 6 equals 3 and 24 divided by 6 equals 4.	10 Sean bought 0.24 pound of peanuts. What is this number as a fraction in simplest form? $\frac{6}{25}$	11 What is thirty-eight thousand, seven written in standard form? 38,007	12 Clare bought 2 $\frac{3}{4}$ pounds of red apples and 3 $\frac{1}{2}$ pounds of green apples. How many pounds of apples did she buy in all? 6 $\frac{1}{4}$ pounds	13 Rodney needs to buy sorbet to serve to his friends. Each serving is $\frac{5}{8}$ pint. How much sorbet should Rodney buy to have exactly 4 servings? 2 $\frac{1}{2}$ pints
14 Family Day!!	15 A recipe for whole-wheat pizza crust calls for 1 $\frac{1}{2}$ cups of all-purpose flour. Jeremy has 5 $\frac{1}{4}$ cups of all-purpose flour. If he makes the recipe, how much flour will he have left? 3 $\frac{3}{4}$ cups	16 A rectangular jewelry box is 2.5 inches long and 1.75 inches wide. What is the area of the top of the box? 4.375 inches squared	17 Sarah has 8 $\frac{3}{4}$ cups of flour. Each batch of bread takes 1 $\frac{2}{3}$ cups of flour. How many whole batches of bread can Sarah make? 5	18 One winter morning the temperature was -30°C . By midnight, the temperature was -18°C . Order the temperatures from least to greatest. -3°C, -1°C, 2°C	19 David pumps 14.6 gallons of gas into his car to fill the tank. If gas costs \$2.84 per gallon, how much does David spend to fill his car's gas tank? \$41.46	20 Jackson is building a tree house. He needs 24 boards for one wall. Each board is 3 $\frac{1}{2}$ feet long. What is the total length of the boards needed for the wall? 84 feet
21 Family Day!!	22 Maria baked a loaf of bread. She used 2 $\frac{3}{4}$ cups of flour. She has 6 $\frac{1}{2}$ cups of flour left. How much flour did Maria have to start with? 9 $\frac{1}{4}$ cups	23 Maria bought 3.5 pounds of chicken at the store. The chicken was \$2.80 a pound. How much did Maria spend on the chicken? \$9.80	24 A rope is 7 $\frac{1}{3}$ feet long. If the rope is cut into 4 equal-sized pieces, what is the length of each piece in feet? 1 $\frac{5}{6}$ feet	25 Maury plays baseball. At practice, for every 10 minutes he spends practicing hitting, he spends 15 minutes practicing catching. Write a ratio to compare his hitting time to his catching time. 10:15	26 The Edwards family is driving from New York City, NY, to Raleigh, NC, a distance of 515 miles. They have traveled 325 miles so far. What is the ratio of miles they still have to drive to the total distance they will travel? 36:103	27 Megan has one piece of ribbon that is 12.3 inches long and one piece of ribbon that is 9.25 inches long. How much ribbon does she have in all? 21.55 inches
28 Family Day!!	29 Zubin has two pieces of string. One piece is 36 inches long and the other is 48 inches long. He wants to cut them into equal pieces that are as long as possible. Into what lengths should he cut the string?	30 Sarah painted a chalkboard on her wall using chalkboard paint. The chalkboard is 135 centimeters tall and 170 centimeters wide. She wants to put a border around it. About how long will the border need to be to go all the way around the chalkboard? 600 centimeters	31 Fatima has $\frac{3}{4}$ gallon of milk. She wants to pour all the milk into 6 glasses. What fraction of a gallon should she pour into each glass? A. $\frac{1}{12}$ gallon B. $\frac{1}{6}$ gallon C. $\frac{1}{8}$ gallon D. $\frac{1}{2}$ gallon A			

M. Hedwig 2019

Math Calendar for Students Entering Grade 7: August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
4	5 The school administration conducted a survey to determine which new sport to offer at the middle school. Of the 500 people who voted, 32% voted for volleyball. How many people voted for volleyball?	6 Raoul answered 66% of the questions in a board game correctly. What fraction of the questions did he answer correctly?	7 Alisha spent \$5.84 on 8 oranges and \$4.26 on 6 apples. What is the unit cost for each orange?	8 Marshall wants to know how many inches there are in 7 feet. Which conversion factor should Marshall use?	9 Brian is unpacking boxes. He has been working for 3 hours and has already unpacked 9 boxes. At this rate, how long will it take him to unpack 15 boxes?	10 Marty found that 55% of the students in his class walked to school. What fraction of the class did not walk to school?	11 The middle-school Ski Club plans ski trips and participates in ski competitions. If 25% of the students participate in a ski competition, what fraction of the students participate in the competition?
11	12 Marco's painting has an area of 320 square inches. If the width of the painting is 16 inches, what is the length of the painting?	13 A game store received a shipment of puzzles. The boxes are stacked in 6 rows with 6 boxes in each row. Each box contains 6 puzzles. How many puzzles are in the shipment?	14 Trent practiced the trumpet for 4 hours each week for 4 weeks. Which expression gives the total number of hours Trent practiced the trumpet, $4 + 4$, 2×4 , 2 to the 4 th power, or 4 to the second power?	15 The approximate length of a marathon race is 26 miles. The approximate length of a half-marathon race is 13 miles. Last year, a runner ran 1 marathon and 3 half-marathons. Write an expression that represents the total number of miles the runner ran in these races.	16 A pumpkin farm sells small pumpkins in bags of n pumpkins each. Helen buys 3 bags of pumpkins. Write an expression that can be used to find the total number of pumpkins Helen bought.	17 A game store charges \$4 to rent a video game. Write an expression that represents the cost in dollars of renting v video games.	
18	19 Admission to a fair is \$14. Each contest at the fair costs \$2 to enter. Write an expression that could be used to find the total cost of going to the fair and entering m contests.	20 Andrew is filling bags with raisins. He puts 9 ounces of dark raisins in each of 10 bags. Then he puts 7 ounces of golden raisins in each bag. Write an expression with two factors that represents the total weight in ounces of the raisins in the bags.	21 Cheryl is filling bags for a party. She puts 2 key chains in each of 5 bags. Then she puts 7 treats in each of the 5 bags. Write an expression with two factors that shows how many items Cheryl put in the bags.	22 What operation do you perform first when you evaluate the expression $18 \div (2 + 4)$?	23 Martin spent \$4.50 on potatoes. Potatoes cost d dollars per pound. Write an expression to represent the number of pounds of potatoes that Martin bought.	24 Faheem has 13 more points in a video game than Jake has. Faheem has 20 points. Write an equation to represent the number of points p that Jake has.	
25	26 Back to School! Carla spent \$40 on movie rentals. Each movie rental cost \$5. Write an equation that can be used to find the number of movies m that Carla rented.	27 To take a class at a gym, Randy must first buy a membership for \$49.50 and then pay the class fee. Randy pays a total of \$72.25. The equation $49.50 + 1.15(72.25)$ can be used to find the class fee f in dollars. What is the class fee?	28 A group of friends bought a pizza for \$12.75 and 5 drinks for \$1.20 each. Write an expression that represents the total cost in dollars.	29 Josh uses 45 ounces of paint for each picture he creates. The amount of paint, p , Josh uses is equal to 45 times the number of pictures, n , that he paints. Write an equation to represent this relationship.	30 Brad states that there is at least one fraction equivalent to $\frac{4}{10}$ with a denominator less than 10. Susan states that there is at least one fraction equivalent to $\frac{4}{10}$ with a denominator greater than 10. Do you agree with Brad, Susan, both, or neither? Explain.	31 Lizzie ran 2.85 miles on Monday, 3.21 miles on Tuesday, and 1.99 miles on Wednesday. How many miles did Lizzie run in all?	

Math Calendar for Students Entering Grade 7: August 2019 Answers

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 Family Day!!	5 The school administration conducted a survey to determine which new sport to offer at the middle school. Of the 500 people who voted, 32% voted for volleyball. How many people voted for volleyball? <i>160 people</i>	6 Raoul answered 66% of the questions in a board game correctly. What fraction of the questions did he answer correctly? <i>33/50</i>	7 Alisha spent \$5.84 on 8 oranges and \$4.26 on 6 apples. What is the unit cost for each orange? <i>\$0.73</i>	1 O'Henry Elementary School has a chess club. Of the students in the sixth grade, $\frac{7}{20}$ are in the chess club. If there are 100 students in the sixth grade, how many are in the chess club? <i>35 students</i>	2 Karena makes berry sauce using a ratio of 2 cups blueberry sauce to 5 cups strawberry sauce. If Karena makes 21 cups of berry sauce in total, how many cups of strawberry sauce will she use? <i>15 cups</i>	3 The middle-school Ski Club plans ski trips and participates in ski competitions. If 25% of the students participate in a ski competition, what fraction of the students participate in the competition? <i>$\frac{1}{4}$</i>
11 Family Day!!	12 Marco's painting has an area of 320 square inches. If the width of the painting is 16 inches, what is the length of the painting? <i>20 inches</i>	13 A game store received a shipment of puzzles. The boxes are stacked in 6 rows with 6 boxes in each row. Each box contains 6 puzzles. How many puzzles are in the shipment? <i>216 puzzles</i>	14 Trent practiced the trumpet for 4 hours each week for 4 weeks. Which expression gives the total number of hours Trent practiced the trumpet, $4 + 4$, 2×4 , 2 to the 4^{th} power, or 4 to the second power?	15 The approximate length of a marathon race is 26 miles. The approximate length of a half-marathon race is 13 miles. Last year, a runner ran 1 marathon and 3 half-marathons. Write an expression that represents the total number of miles the runner ran in these races. <i>Possible answer: $(26 \times 1) + (13 \times 3)$</i>	9 Brian is unpacking boxes. He has been working for 3 hours and has already unpacked 9 boxes. At this rate, how long will it take him to unpack 15 boxes? <i>5 hours</i>	10 Marty found that 55% of the students in his class walked to school. What fraction of the class did not walk to school? <i>$\frac{9}{20}$</i>
18 Family Day!!	19 Admission to a fair is \$14. Each contest at the fair costs \$2 to enter. Write an expression that could be used to find the total cost of going to the fair and entering m contests. <i>$14 + 2m$</i>	20 Andrew is filling bags with raisins. He puts 9 ounces of dark raisins in each of 10 bags. Then he puts 7 ounces of golden raisins in each bag. Write an expression with two factors that represents the total weight in ounces of the raisins in the bags. <i>$10 \times (9 + 7)$</i>	21 Cheryl is filling bags for a party. She puts 2 key chains in each of 5 bags. Then she puts 7 treats in each of the 5 bags. Write an expression with two factors that shows how many items Cheryl put in the bags. <i>$5 \times (2 + 7)$</i>	22 What operation do you perform first when you evaluate the expression $18 + (2 + 4) \div 3$?	16 A pumpkin farm sells small pumpkins in bags of n pumpkins each. Helen buys 3 bags of pumpkins. Write an expression that can be used to find the total number of pumpkins Helen bought. <i>$3n$</i>	17 A game store charges \$4 to rent a video game. Write an expression that represents the cost in dollars of renting v video games. <i>$4v$</i>
25 Family Day!!	26 Back to School! Carla spent \$40 on movie rentals. Each movie rental cost \$5. Write an equation that can be used to find the number of movies m that Carla rented. <i>$5m = 40$</i>	27 To take a class at a gym, Randy must first buy a membership for \$49.50 and then pay the class fee. Randy pays a total of \$72.25. The equation $49.50 + f = 72.25$ can be used to find the class fee f in dollars. What is the class fee? <i>\$22.75</i>	28 A group of friends bought a pizza for \$12.75 and 5 drinks for \$1.20 each. Write an expression that represents the total cost in dollars. <i>$12.75 + (5 \times 1.20)$</i>	23 Martin spent \$4.50 on potatoes. Potatoes cost d dollars per pound. Write an expression to represent the number of pounds of potatoes that Martin bought. <i>$4.5 \div d$</i>	24 Faheem has 13 more points in a video game than Jake has. Faheem has 20 points. Write an equation to represent the number of points p that Jake has. <i>Possible answer: $13 + p = 20$</i>	31 Lizzie ran 2.85 miles on Monday, 3.21 miles on Tuesday, and 1.99 miles on Wednesday. How many miles did Lizzie run in all? <i>8.05 miles</i>
				29 Josh uses 45 ounces of paint for each picture he creates. The amount of paint, t , Josh uses is equal to 45 times the number of pictures, p , that he paints. Write an equation to represent this relationship. <i>$t = 45p$</i>	30 Brad states that there is at least one fraction equivalent to $\frac{4}{10}$ with a denominator less than 10. Susan states that there is at least one fraction equivalent to $\frac{4}{10}$ with a denominator greater than 10. Do you agree with Brad, Susan, both, or neither? Explain. Both: $\frac{2}{5}$ is equivalent to $\frac{4}{10}$ and $5 < 10$. $\frac{6}{20}$ is equivalent to $\frac{4}{10}$ and $30 > 20$.	

M. Healy 2019

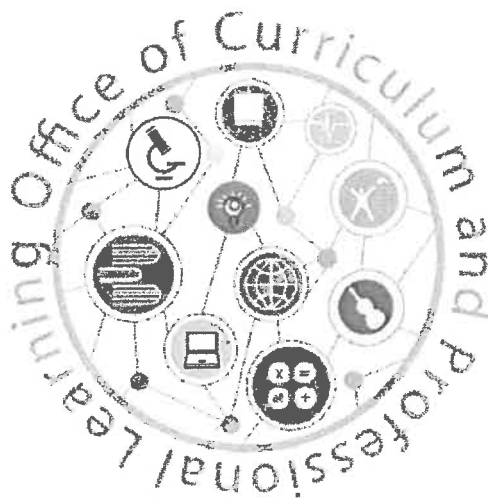
Worcester Public Schools Parent Math Activities for Incoming Pre-K and K Students



Office of Curriculum and Professional Learning

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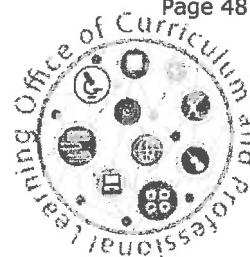
Activity #	Name of Activity
1	No-Bake Granola Balls
2	I Spy
3	Let's Keep Track
4	Finger Paint Math
5	Finger Puppets You Can Count On!
6	Weekly Planner
7	Rhyme and Sing: Four Little Ducks
8	Rhyme and Sing: Five Little Speckled Frogs
9	Number Hunt
10	Walk and Count
11	Find It
12	Sort It Out
13	Shape Up





Activity # 1

No-Bake Granola Balls



Making this tasty treat is a fun, delicious way to engage your child in measurement activities. This activity helps your child learn measurements and how to follow directions/recipes.

Parent Tips:

- If possible, use an easy to read, see-through measuring cup that has $\frac{1}{4}$, $\frac{1}{3}$, and $\frac{1}{2}$ clearly marked. While using the individual cups for $\frac{1}{4}$, $\frac{1}{3}$, and $\frac{1}{2}$ still works, they do not give your child the same valuable experience with fractions of a whole.
- Discuss the different measurements as you work with them. For example, talk about how one cup is more than a half cup.
- When the balls are lined up on the cookie sheet, invite your child to tell you how many are in each row. How many are there altogether?
- Repeat this activity using other simple recipes. Read the recipe aloud, invite your child to help you measure the ingredients, and talk about how the ingredients change as you mix, stir, chill, or cook.

Materials:

- baking sheet
- wax paper
- large mixing bowl
- wooden spoon
- 1 cup powdered sugar
- 1 $\frac{1}{4}$ cups chocolate chips
- 1 cup creamy peanut butter
- $\frac{1}{3}$ cup milk
- 1 tsp vanilla extract
- 1 $\frac{1}{2}$ cups uncooked oatmeal
- 1 cup granola cereal

Instructions:

1. Talk about the recipe with your child. Gather all the ingredients (not yet measured) and talk about how much you're going to need of each. Line the baking sheet with wax paper.
2. Together with your child, measure out each of the ingredients.
3. Invite your child to pour the measured sugar, peanut butter, milk, and vanilla one at a time into the large mixing bowl. Help your child mix the batter with a wooden spoon and talk about how the batter changes as it is mixed. (For example, it changes from lumpy and separated to smooth and creamy.)
4. When the batter is smooth and creamy, have your child pour in the oats, cereal, and chips. Continue to mix until the dry ingredients are completely coated with the peanut butter mixture.
5. Now prepare to get messy! Together with your child, roll and press the mixture into one inch balls. Place the balls onto the lined baking sheet about a half-inch apart.
6. Chill in the refrigerator at least an hour or until firm.
7. Store in a tightly covered container in the refrigerator.
8. Makes about 28 granola balls.



Activity # 2

I Spy



The next time you're on the road or waiting for a meal, give these classic hidden object games a mathematical twist.

Parent Tips:

- This activity helps your child figure out how to recognize an object's attributes and sort objects into groups with similar attributes – skills related both to math and science. The ability to group by number, shape, or measurement helps develop your child's mathematical thinking. Grouping by color, texture, or hardness will introduce your child to scientific classification.
- As an extension, help your child practice organizing objects by similar attributes. In the supermarket, encourage your child to organize the purchases in the cart in some way of his/her own choosing. Invite your child to tell you the rule for the grouping (maybe "green with leaves" or "boxes") so you can place additional items in the right group. You might make a mistake in placing an object so your child can have fun showing you the "right way" to group things.

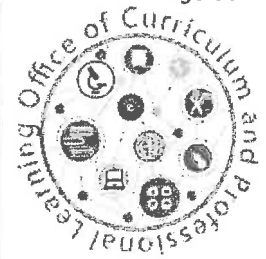
Instructions:

1. Play this game with your child while riding the bus or driving in the car, waiting at the doctor's office or shopping together in the supermarket. For starters, find something in clear view and choose one attribute for a clue. For example, you might say, "round like a ball" for an orange. Then say, "I spy with my little eye something round like a ball." Invite your child to look around and figure out what it was you spied. Once your child spies the object you've chosen, switch roles and invite your child to spy something for you to look for.
2. As you look, talk about one or two different things you see that don't have the attribute your child has given you. ("Hmm ...That box couldn't be it – it's not shaped like a ball...") until you find the object your child has chosen. As the game continues, increase the attributes to two. For example, "I see something with 4 legs and that is smaller than this car." (A dog.)



Activity # 3

Let's Keep Track



Road trips are filled with lots of interesting things to spot. Use these counting games to help your child keep track!

Parent Tips:

- This activity helps your child with counting, one-to-one correspondence, and representation.
- As your child becomes more experienced, increase the attributes of the item to two (such as red cars, or yellow street signs). This gives your child practice with coordinating attributes, another important sorting skill.
- You might also suggest your child look out for two objects, such as taxis and dogs. Help make two columns for recording. Later, you can compare the number of marks for each object.

Materials:

- notepad
- pencil or pen

Instructions:

1. On your next trip, invite your child to choose something fun to look for and keep track of how many you see. (For example, stop signs, fire hydrants, baby strollers, or people on bikes. Or, on longer trips, your child might pick trucks, bridges, or farm animals.)
2. Help your child think of a simple way to make a mark on a piece of paper (such as an X, a circle, or a slash or line) every time the item is spotted. Each mark will be equal to one item seen.
3. Provide a notepad and pencil, and let the look-out begin! As your child searches, each time the item is spotted, remind your child to make a mark on the notepad.
4. How many of the items were spotted? At the end of the trip, help your child count up the marks.



Activity # 4

Finger Paint Math



Combining math with art is a fun and simple way to play number games for preschoolers and kindergartners. Follow these easy steps to make your own finger paint. Then join your preschooler or kindergartner as you practice painting numbers and shapes.

Parent Tips:

- This activity helps with number and shape recognition.
- Store the paints in their covered containers in the refrigerator.
- Extension for older children: paint shape patterns — for example, triangle, circle, square... triangle, circle, square... so you can each figure out what comes next in the pattern.
- Extension for younger children: Have them make a handprint, then count their fingers 1 to 5. Have them make footprints and count their toes!

Materials:

- cornstarch
- water
- assorted food colors
- 1-pint deli containers with lids, one for each color
- finger paint paper (or plastic-coated freezer paper)
- smocks or aprons
- paper towels

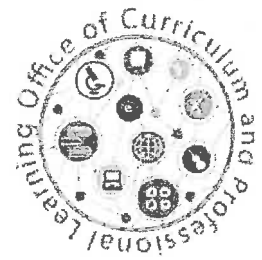
Instructions:

1. In a small saucepan, mix 1 1/2 tablespoons cornstarch with 1 cup of water until smooth. (Invite your child to help you with the measurements!)
2. Add a food color. Stirring constantly, cook on low heat until the mixture is the thickness of pudding. Pour into a deli container. Cover when cool.
3. Repeat to make additional colors.
4. Place a piece of finger paint paper on a table or countertop with the open paint containers nearby. Put on smocks. Invite your child to cover an area of the paper with finger paint, and then use a finger to make some fun shapes in the paint. The shapes will appear in white wherever your child draws. (Use the paper towels for finger wiping as needed.)
5. Ask: Can you make a shape for me to copy? Have your child make a shape and talk about it before you copy it. What does it look like? Copy the shape and, if your child is satisfied with your work, make your own shape — a number or a simple geometric shape — for your child to copy. Talk with your child about the shape you have made, what it is, and ask if it is difficult or easy to copy.
6. Use this back-and-forth sharing to give your child experience writing numbers and drawing geometric shapes such as triangles, rectangles, and circles.
7. For more painting fun, encourage your child to paint numbers and shapes with an elbow or a toe! You can also use household items such as a fork, comb, straw, bottle brush, or spatula to make interesting designs.



Activity # 5

Finger Puppets You Can Count On!



This number sequence game is a playful way to help your child learn to recognize numbers and count from 1 to 10 ... and 10 to 1!

Parent Tips:

- Play of this kind will give your child experience with number recognition, sequencing numbers, and counting.
- When you first do this activity, you might want to invite your child to sit on your lap so that you both see the puppets from the same point of view.
- As your child becomes more experienced, try counting backwards from 10 to 1 using the same approaches suggested above.

Materials:

- package of peanuts in their shells
- sharp scissors or knife
- black marker
- white poster paint (optional)

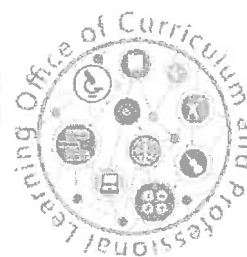
Instructions:

1. Select 20 peanuts — 10 for your fingers and 10 for your child's. Cut them in half at their "waistline." Carefully trim away the openings in the shells so the peanuts drop out. Make the openings large enough so the shell halves will fit over your child's fingertips. Make larger openings for your own. (Use the biggest halves for the thumbs.)
2. (Optional) Use the white poster paint to make a white background area on each half where you will write the numbers. Allow to dry.
3. Use the black marker to number the halves from 1 to 10, as shown. Make the numbers 1 and 10 on the halves you have selected for the thumbs.
4. Your finger puppets are ready for play! Some ideas for getting started: beginning with your left thumb, put on the number 1 half and invite your child to copy what you do. You might say something like: "I've put my number 1 on my thumb. Now it's your turn to put your number 1 on YOUR thumb!" When your child's puppet is on, you can use your puppet to say: "Hi, Number 1. Hey, you look just like I do!"
5. Working from the thumb across the fingers to the pinkie, continue putting on the number puppets one at a time in sequence, naming them by number as you go. Then the next time you do this, invite your child to tell you what number is next and to put that number on your finger for you.
6. Once all the puppets are placed on your fingers, make up number games together. For example, make fists to hide your numbers and invite your child to call them up one at a time, by name. Or both of you hold up the puppets in sequence as you count to 10. Depending on your child's ability to count, you might pretend that you don't know which puppet comes next, and ask for help. Or you might put on your puppets out of sequence and ask for help putting them in order.



Activity # 6

Weekly Planner



Use this weekly planner to help your child prepare for the days ahead and keep track of weekly schedules.

Parent Tips:

- This activity helps your child measure time, organize events in sequence, track events happening “yesterday,” “today,” and “tomorrow,” and learn the names of the days of the week.
- Use “My Weekly Planner” to help your child gain a sense of control over particularly busy times and experience the benefits of planning ahead.
- When special events are coming up in the following week, make a second planner and post both weeks so your child can count the days.

Materials:

- seven 6” x 6” squares of colored paper
- black marker
- colored markers
- seven small refrigerator or doughnut magnets
- 3” x 3” Post-it notes

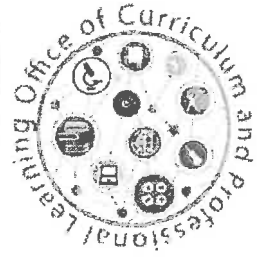
Instructions:

1. Invite your child to help you name the days of the week, starting with Sunday. Print the days across the tops of the seven paper squares, one day per square.
2. Help your child line up the squares in order on your refrigerator door (at child height), starting with Sunday. Use the magnets to hold them in place.
3. Decide together what events to post for the coming week. Talk about the activities coming up that are important to your child, and on which days they will take place. For example, your child might mention daily activities, like going to preschool; once-a week activities, like soccer practice; and special, one-time events, like a friend’s birthday party or a holiday.
4. Using the Post-it notes, invite your child to draw a picture to represent each of the events coming up. Then help post the pictures on their appropriate days.
5. As the days go by, refer to the planner when your child talks about what happened today or yesterday, or as a reminder of what’s coming up tomorrow. You can count together how many days before going to the friend’s birthday party or Saturday’s game.
6. At the end of the week, remove the Post-it notes and start over.



Activity # 7

Rhyme and Sing: Four Little Ducks



Young children love to hear, sing and say nursery rhymes and songs. Counting rhymes and songs can be both enjoyable for them and introduce them to basic mathematics concepts, such as number names and number sequence.

Instructions:

Say the rhyme with your child several times. When he/she can say the rhyme all the way through, have other family members join you. Give your child a feather and have her lead everyone around the room as you all sing.

Four little ducks that I once knew,
Fat ducks, skinny ducks, they were, too.
But one little duck with a feather on her back,
She ruled the others with a quack! quack! quack!

Down to the river they all would go,
1, 2, 3, 4, all in a row.
But one little duck with a feather on her back,
She ruled the others with a quack! quack! quack!



Activity # 8

Rhyme and Sing: Five Little Speckled Frogs



Young children love to hear, sing and say nursery rhymes and songs. Counting rhymes and songs can be both enjoyable for them and introduce them to basic mathematics concepts, such as number names and number sequence.

Parent Tips:

- Teach your child any counting rhymes and songs that were your personal favorites when you were a child, or have your child ask their grandparents what rhymes they knew when they were children. Other counting rhymes, songs and games that you may want to teach your child include "One, Two, Buckle My Shoe," "This Old Man," "Ten in a Bed (Roll Over)" and "One for the Money."

Instructions:

For the following rhyme, show your child how to perform the actions indicated.

After saying the rhyme, ask your child to hold up the correct number of fingers to show how many frogs are in the rhyme at the beginning. Then have her hold up the correct number of fingers and count to five with you as you say each numeral.

Five little speckled frogs

(hold up five fingers)

Sitting on a speckled log

(sit on your heels)

Eating some most delicious bugs

(pretend to eat)

Yum! Yum!

One jumped into the pool

(jump)

Where it was nice and cool

(cross arms over chest and shiver)

Now there are four little speckled frogs.

(hold up four fingers)

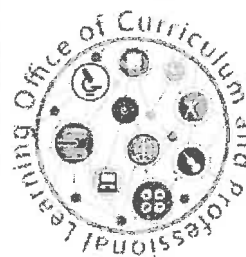
Burr-ump!

(Continue until no frogs are left.)



Activity # 9

Number Hunt



By counting, using number names and learning to recognize differences in number values, children build a foundation for the development of number sense and mathematical reasoning.

Parent Tips:

- Sometimes younger children don't understand that counting means naming numbers in a specific order. This simple point should be reinforced often.

Materials:

- 3 plastic eggs that come apart (or similar containers)
- Buttons
- Plastic netting

Instructions:

1. In pieces of netting, loosely wrap different numbers of buttons and place one bag of buttons in each egg. With your child out of the room, hide the eggs.
2. Call your child into the room and tell him/her that you've hidden three eggs and that you want him/her to find them. As she finds each egg, have him/her count aloud—"1," "2," "3."
3. When he/she's found all the eggs, have him/her open each one and take out the bag of buttons (but not open it). Ask him/her to count how many buttons are in each bag.



Activity # 10

Walk and Count



Ordinary activities can be used to reinforce young children's number sense and introduce them to arithmetic operations, such as addition and subtraction.

Parent Tips:

- Throughout the day, find ways to let children practice using arithmetic skills. Ask, for example, "How many magazines came in the mail?" "How many more letters will we need to get to have 10 letters?" "Which are there more of, magazines or letters?"

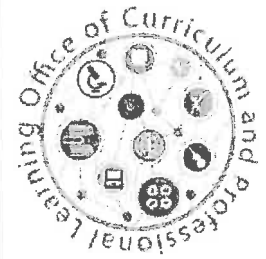
Instructions:

1. Take your child for a walk. You can walk around your neighborhood, through a park, or just around the rooms in your home. As you walk, say silly things for him/her to do, such as the following:
 - Take two big steps and three little steps.
 - Take three little steps, hop one time, take three big steps.
 - Take one little step, turn around two times.
 - Hop four times, turn around one time.
 - Take three big steps forward and two big steps backward.
2. Count aloud each kind of action that your child performs and compliment him/her for his efforts—"1, 2—1, 2, 3—1, 2. That's great!"
3. Let your child turn the tables and say silly things for you to do as you walk.
4. For your kindergarten child, expand the activity by asking him to "guess" (estimate) how many of his/her steps it will take, for example, to get from the tree to the corner. After he/she makes his estimate, have him/her count steps to see how close the estimate is. Next ask him/her how many of your steps it will take. Will it take you more steps or fewer to go the same distance? Again, have him/her count to see if his answers are correct.



Activity # 11

Find It



Young children may not recognize that numbers are all around them. Pointing out numbers on everyday items increases their number sense.

Parent Tips:

- Calling attention to numbers that are all around them lets children know that numbers are important and that they are used for many different purposes.

Materials:

- Boxes, cans and bottles of food and other household supplies

Instructions:

1. Place several boxes, cans and bottles on the kitchen table. You might use a cereal box, a can of soup and a bottle of dishwashing soap. Sit with your child and point out one or two numbers on each item. (Numbers can be found in the names of some products, as well as in the list of contents and in addresses. However, rather than pointing to a very large number, such as a ZIP code, point to one digit in that code—a 6 or 3 or 8.)
2. Point to one of the items and say a number that is easy to see. Ask your child to find it. Then have him/her look for that number on the other items.
3. Have your child choose a number for you to find on one of the containers.



Activity # 12

Sort It Out



Sorting and matching activities introduce young children to many mathematical operations, including classification and measurement.

Parent Tips:

- Children need to see that grown-ups also make math mistakes occasionally and that they identify their mistakes and find ways to correct them.

Materials:

- Pairs of socks of different sizes and colors
- Laundry

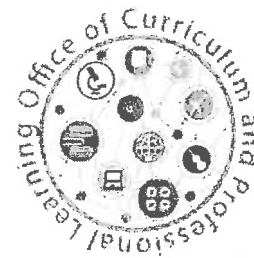
Instructions:

1. When you're sorting and folding clean laundry, have your child join you and do such things as the following:
 - Hold up a pair of matching socks that belong to him/her and say, for example, "These socks go together because each sock is red and each one fits the same size foot—yours!"
 - Pick up another sock and ask your child to look through the pile for the sock that matches it. When he/she chooses a sock, have her tell you how she knows that it's the right one.
 - Continue holding up socks until your child has paired them all. If he/she mispairs any socks, gently correct him/her by asking her to tell the color of each sock and to put the socks together to see if they are the same size.
 - After you've done this activity several times, let your child choose the socks for you to pair. (Occasionally choose a wrong sock to give him/her the chance to help you correct your mistake!)
2. Have your child help you sort the laundry to be washed. Ask her, for example, to put all the blue things together, all the whites, all the towels and so forth. You might also have her count as she sorts. How many towels are there? How many shirts? Try saying, "I count five shirts. Is that right?" Then have your child count aloud the number of shirts. From time to time, give an incorrect number so that he/she can count the items one by one and show you that you've made a mistake.



Activity # 13

Shape Up



Using objects that are familiar to young children can be a good way to introduce them to differences in shapes and to classification.

Parent Tips:

- Playing with children can provide many opportunities to engage in activities such as sorting, matching, comparing and arranging.

Materials:

- Snack crackers in the shape of circles, squares, triangles
- Bread cut into different shapes

Instructions:

Here are some simple things that you can do to focus your child's attention on different shapes:

1. Fill a bowl with snack crackers in shapes such as circles, triangles and squares. Point to a cracker and say, for example, "Look, this one's round. This one has three sides. See, 1-2-3. This one has four sides. Let's count them— 1-2-3-4." Place a circular cracker on the table and ask your child to find other crackers that have the same shape. Continue with the other shapes.
2. As you make sandwiches, cut the bread into circles, squares and triangles so that you have two each of each shape. Ask your child to match the pairs of shapes to make Shape Sandwiches.
3. Have your child search for and point out different shapes on his/her clothes or in the room.



Summer Math Activity Calendar for Entering Pre-K and K Students

Monday	Tuesday	Wednesday	Thursday	Friday
Count aloud by 1's to 10. Try to write each number you say on paper, with sidewalk chalk or in the sand at the beach.	Draw a picture of your favorite animal. How many legs can you see? Draw a picture of another animal. How many legs altogether?	Clap in rhythm and patterns. Clap 3 times, then pat your legs. Do it again! Clap 3 times, then pause a beat, then clap 2 times. Do it again! Count while you clap.	Visit a math website: www.bedtimemath.org www.freekhanmath.com	Trace your foot and cut it out. Find something that is shorter, longer, and the same length as your foot.
Name all the people that live with you. How many are there? Try writing their ages.	Find 2 things that are shorter than you. Find 3 things that are taller than you. Draw 1 from each.	Draw a circle in the middle of a piece of paper. Create a new picture using the circle and as many other shapes as you can.	Practice saying your age and your address. Try to write the numbers.	Name 5 different places you see numbers. Draw one of the items and circle the numbers.
Try writing your first name. How many letters are in your name? Try your last name too!	Count the number of days until school starts. How many weeks until school starts?	Draw a picture to show this problem. I baked 3 cookies. The kids ate 2 cookies. How many are left? Can you create your own problem?	Count the number of times you can jump on 2 feet for 1 minute. Try writing that number.	Count the number of stairs in your house or apartment. Draw the steps and write the numbers on each one.
Tell what you did today in order using first, second, third, etc.	Find five things in your house that come in pairs. Draw 1 pair.	Write or have someone else write the names of the people in your family. Count the letters in each and circle the name that has the most letters.	Estimate the number of spoonfuls it will take to finish a bowl of cereal, soup, yogurt, etc. Count each spoonful as you eat.	Use popsicle sticks, pipe cleaners, clay, etc. to create 2-D and 3-D shapes.
Create a pattern necklace using cheerios, macaroni, or other objects. Count the number of objects you used.	Make a guess. How long do you think it will take you to put on your sneakers? Have an adult time you. How close was your guess?	Draw 3 different sized apples. Color the biggest apple red and the smallest apple green. Write your age in the apple that isn't colored.	Find the numbers 1-10 in a newspaper ad or magazine. Cut them out and glue them in order on a sheet of paper.	Go on a shape hunt to find squares, cubes, circles, spheres, triangles, rectangles, etc. Draw 3 of the shapes you found.
Practice counting 5 objects that are scattered and 5 objects that are in a line. Which are easier to count. Why?	Grab a handful of coins and sort them. Draw a picture of something you would like buy with the money.	Find a summer collection! Collect rocks, shells, flowers or any other object you like. Find different ways to categorize them. Draw and record your categories and items.	Count the number of windows and doors in your house or apartment. Are there more windows or doors? Draw the one with more.	Count aloud as you jump from your bedroom to the bathroom. Then skip back to your room.
Start at 10. Can you count backwards to 0? Ask someone for help if you can't. Try counting backwards all day long.	Count the number of steps it takes you to get from your front door to the refrigerator. Draw that many footprints.	Set the table for a meal. Count the number of plates, cups, forks, spoons and napkins.	Count the number of pieces of mail if your mailbox for the day and write the number.	Record the temperature for the day and draw a picture of an activity you do in this temperature.