



Goddard Scholar Academy Gazette

Arts Academy Quarter 2 Digest

1ST QUARTER RECAP

By Kellie Moulin

The school year started with a great deal of energy; the 9th graders quickly made an impression on the rest of the school. We quickly got to work, set up classes, established routines and 9th grade students settled into the South High School Family and we happily welcomed them. Teachers are teaching engaging lessons incorporating technology and student centered activities.

The freshman class will be one of the two current grades to enjoy the new South High School building which is expected to open August 2021. On September 4th, 9th grade students signed the final steel beam to be placed in our amazing new school as part of the Topping Off Ceremony along side dignitaries and politicians. Our students learned about 9/11 and were part of a field trip to see *Music and Dance of Mali* at Atwood Hall, Clark University on October 8th. Soon to follow was the much anticipated visit by Helen Frost, author of award winning *Keesha's House*. Students had been reading the story, told through multiple poems and concerns a group of teenagers that are all drawn to the house of the title character, Keesha, due to serious issues in their personal lives. Students enjoyed our annual "Club Fair" getting a feel for all the clubs and activities available to them at SHCS. That same night parents attended "Know Your School Night", meeting teachers and visiting classrooms.

Students have been involved in various sporting events, Girls Volleyball, Cross Country, Football, Crew, Field Hockey, Boys and Girls Soccer, Cheerleading and more. Homecoming was October 18 with a huge football win against Sutton High School, 40 to 8.

HUNGER WEEK

As we embark on Thanksgiving, a time to give and be thankful for all we have, we host "Hunger Week" for our students. From the week of November 17-22, guest speakers from various fields will inform students about the many aspects of hunger, food, nutrition, life experiences, health and well being, and much more. Our Colonel's Food Pantry was born from a Hunger Week event years before. Andy's Attic, a SHS organization that provides new and gently used clothing to people in need, is a huge part of Hunger Week in the spirit of giving and caring for others. Students and families in need are welcome to use the services of the food pantry and Andy's Attic.



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SPECIAL POINTS OF INTEREST

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- Graduation Requirements
- Important Dates
- How to do well in high school
- Effective Stress Management Tools
- AP Saturday Study Sessions
- AP Course Offering



DID YOU KNOW...

SHS has over 40 clubs

Students attended a club fair to learn about all the clubs SHS has to offer and sign up for any that interest them.

SHS offers Early Enrollment

Students can sign up for College courses as early as their sophomore year receiving college credit as well and credit towards high school graduation requirements. College professors come to South's campus and / or students can attend several different college campus for classes. See your Guidance Counselor.

SHS has Lobby Design Club

Students are encouraged to join the New SHS Lobby Design Club. Like it sounds, students will work with architects and other artists to help design and create the lobby and other wall art in the new building. It is very exciting and a great opportunity. See Mr. Badu for more details.

Guidance Support

Guidance Counselors are assigned by the student's last name. Students can request appointments with their guidance counselor, visit during lunch, or after school.

Guidance Counselors can be reached at: 508-799-3345

| <u>Student's Last Name begins with</u> | <u>Guidance Counselor</u> | <u>Guidance Counselor Email</u> |
|--|---------------------------|---------------------------------|
| A (seniors & all new enrollments) | Courtney Harper | Harperc@worcesterschools.net |
| A-C (A—9-11th) | Delma Kusy | Kusyd@worcesterschools.net |
| D-H | Colleen Goodhue | Goodhuec@worcesterschools.net |
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| N-Rom | Cherise Potenti | Potentia@worcesterschools.net |
| Ron-Z | Kladia Dang | Dangk@worcesterschools.net |

The function of education is to teach one to think intensively and to think critically. Intelligence plus character—that is the goal of true education.

~ Martin Luther King

9th Grade English

By Ms. McNamara

Happy November I'm amazed at how fast time flew by, and can't believe we are about to begin week 10 of the school year! All 5 classes spent some time working on a district-wide writing pre-assessment and we are now beginning to target specific writing goals using the individual and class results. District-wide, the English department is focusing on a student-driven, self-regulated writing process; so in Quarter 2, we are going to spend some time focusing on the writing process itself. A vital piece of the SRSD writing process is the idea of drafting and teaching students how to independently identify areas for improvement. By revisiting our pre-assessments, looking at student exemplars, and collaborative writing, the students will be introduced to the steps of this self-regulated process. For some students, this process may be difficult as it forces the writer to slow down and revise multiple times. It seems that many product-driven students write a draft and never look at it again until they see their grades from their teacher. This process challenges students to focus on the drafting/ revising/editing process rather than producing a final product as quickly as possible. This is where parent involvement can help! Some ways the process can be supported at home is by encouraging your child to use the rubric given to them to assess whether or not their assignment meets requirements, or even just asking them to take the time to work on an assignment little by little versus scrambling at the last minute to get it done in time!

In addition to focusing on writing, the Goddard Scholars have just finished reading *Keesha's House* by Helen Frost. Students had the chance to hear Helen Frost discuss her book as well as discuss her writing process. The students had such interesting and insightful questions and conversations around this novel, and it is always enjoyable as a teacher to see such dialogues taking place! After wrapping up our unit on *Keesha's House* with our essay, students will begin a short story unit where we will focus on plot structure and the elements of suspense. Some of the stories we will read are "The Most Dangerous Game", "The Landlady", and "The Monkey's Paw". After the short story unit, we will shift gears to a classic novel and spend some time reading and discussing *To Kill a Mockingbird* by Harper Lee. Later, we will revisit more contemporary works and students will have a chance to choose from a few options including *Speak* by Laurie Halse Anderson, *The Hate U Give* by Angie Thomas, *The Poet X* by Elizabeth Acevedo, and others. I think finding the balance between reading classic and modern work is extremely important, not only to help students become well-read individuals but to allow them a chance to see themselves reflected in what we are reading. I look forward to what the rest of the school year has in store!

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South High Community School is committed to inspiring students to achieve the highest standards of intellectual and personal development by providing a stimulating and comprehensive education.

By Mr. Eressy

of history, but as global citizens. Students can further their understanding by reading nonfiction texts outside of school and staying up to date on what is in the news not just in the United States, but around the globe. If you have any questions, comments or concerns feel free to reach out as I always welcome collaboration on furthering student growth.

By Ms. Houlihan

a deeper level. Students have been and will continue to analyze primary and secondary sources using the AP strategy, HAPPY, in an effort to better prepare students for both the MCAS and AP courses. Students are then synthesizing the information from the various sources to create and defend claims in writing. I always encourage students to stay after on Tuesdays should they need any extra help or support.

* only 1 credit Foreign Language required for Chapter 74 Pathway students. Student enrolled in ELL classes are exempt from Foreign Language requirement.

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December 17—Winter concert

Algebra II

By Ms. Rossi

HOW TO DO WELL IN HIGH SCHOOL

There are a host of habits one can employ to be a successful student. Many successful high school students do the following to maximize their success.

1. Set Short and Long term goals.
2. Master time management
3. Select balanced course load
4. Be active outside the classroom
5. Participate in class
6. Take good care of yourself
7. Find your passion
8. Learn to say NO, don't over-commit yourself.
9. Earn leadership roles
10. Build and use study groups and a network support.

<https://blog.collegevine.com/successful-high-school-students-do-these-10-things/>



Effective Stress Management Tools for High School Students

1. Manage your time properly
2. Use Pareto Principal "80/20 Rule" 80% of the results come from 20% of the work you do. Work smarter and focus your energy on 20% of work that is likely to yield 80% of your results.
3. Keep things organized
4. Learn to study effectively
5. Practice Self Care:
7-8 hours of sleep
Eat properly
Stay active
6. Try some proven stress management techniques:
Listen to music
Deep Breathing
Meditation
Keep a journal
7. Create your own support group:
Join clubs and extra curricular activities
Seek support at home
Take advantage of student services

Adjustment Counselors

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508-799-3343

Sarah Noble-Young (last names A-L)
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508-799-3337

Students will begin the quarter by exploring matrices and how they relate to systems of equations. The main topic covered this quarter is Quadratics, with an emphasis on exploratory learning using technology such as TI Graphing Calculators and Desmos.com discovery activities. Once all the properties of quadratics are covered, emphasis will be placed on applying this knowledge to various real-life applications, again using graphing technology as an aide. Complex and imaginary numbers will be introduced at the end of the quarter and will be used to create Fractals. MCAS geometry practice will be incorporated at various times throughout the quarter to prepare for the exam in mid-May. Parents and Guardians are welcome to e-mail me at any time

at rossic@worcesterschools.net.



The more that you read, the more things you will know. The more that you will learn. The more places you'll go. ~Dr. Seuss

AP Pathways — AP Humanities / Social Sciences or AP STEM

Students can choose an AP pathway of interest or design their own pathway. It is recommended that freshman take no more than one AP course, sophomores take no more than two AP courses, and junior and seniors take no more than 3 AP courses.

AP Humanities / Social Science Pathway

9th Grade
AP Human Geography

10th Grade
AP Economics
AP World History
AP Statistics

11th Grade
AP US History
AP Statistics
AP English Language
AP Seminar*

12th Grade
AP Government
AP Psychology
AP Statistics
AP English Literature
AP Environmental Science (2 Period)
AP Research *

* Required for Capstone Diploma

AP STEM Pathway

9th Grade
AP Human Geography

10th Grade
AP Chemistry (2 Periods)
AP Statistics

11th Grade
AP Physics I
AP Statistics
AP English Language
AP Biology (2 Periods)
AP Environmental Science (2 Periods)
AP Seminar*

12th Grade
AP Physics II
AP Calculus AB or BC
AP Statistics
AP English Literature
AP Computer Science
AP Research *

* Required for Capstone Diploma

PSAT TESTING ...WHAT'S NEXT?

The Guidance Department will review PSAT scores with freshman, sophomore and junior classes the end of November. CollegeBoard will send an email to students when the test scores are released. Once students receive their score report they are advised to log into their Collegeboard account at www.collegeboard.org and then connect with Khan Academy. Khan Academy is an online practice tool geared specifically to the individual students need based on their score report. Students are encouraged to log in daily to practice. Khan Academy has proven to increase students' scores on the SAT exam. Parents are more than welcome to call their child's guidance counselor with any questions.

Google Classroom and Online Grades

Teachers have created Google Classroom posting assignments, projects and announcements for their students. Once added to the Google Classroom, you will be able to view the status of assignments, submitted or missing. Parents are welcome to turn off announcements by students to eliminate a barrage of emails. Many teachers also have an online gradebook, *Thinkwave*, for you to view your student's grades. You can be added to the Google Classrooms by requesting access with an email your student's teachers. You are invited to communicate with the 9th grade teachers and administration via their email or Google Classroom.

South High Shout Out

30 Calculus students received a qualifying score on their exams, saving South High alums at least \$30,000 in college credits.

44% of AP students received qualifying scores in 2018 — 54% in 2019

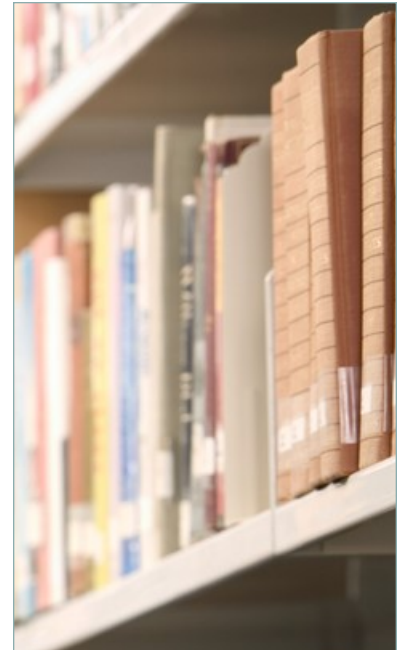
7 students received 5s on the Biology exams, the most in the district; 80% of Biology students received a qualifying score.

All 25 AP Human Geography students received a qualifying score.

First to have Capstone diplomas in 2019, the most in the district.

80% of Spanish Language students received a qualifying score.

AP English Language scores increased 5% in 2019.



“Education is not the learning of facts, but the training of the mind to think.

~Albert Einstein

Science—Biology I

By Ms. Brown

Students in the 9th GSA have been busy during Quarter 1 learning the details of our Human Anatomy inside and out, literally. Quarter 2 is right around the corner. During that time, we will be moving from the very small pieces of our Biology (atoms and molecules) to larger cells and their processes. We will uncover why we need the 4 basic types of molecules: carbohydrates, lipids, proteins and nucleic acids. This will coincide with “Hunger Week” at South High where we look at the effects, causes and solutions to global and local hunger. Students will be able to understand the effects of hunger on the human body, and the importance of the molecules mentioned above.

During December we will discuss important enzymes. A lab we will do with potatoes and hydrogen peroxide will help us understand the effects of temperature and pH on enzymes

found in our body. Next, we will move on to cells and their organelles. Students in GSA are very familiar with the cell organelles, so I treat this as a review. To that end students will be assigned a “cell model” project. The importance of this project will be to relate structure of the object used for each model “organelle” to the function of the real cell part. They will design this cell model based on a theme. For example, different shapes of pasta, items you would buy in a hardware store, sewing materials, office/school supplies, junk food, holidays, and candy have made interesting models in the past. Students can be super creative! Finally, later in the month we will be dissecting sharks! We will compare their digestive system with our own. Students look forward to this lab and it becomes a memorable experience.

AP Math, Science and English Saturday Study Sessions

AP Math, Science and English students are required to attend Saturday Study Session to help prepare them for the AP exams and obtain qualifying scores. In June, 2019 students signed a contract establishing a commitment to attend the sessions. Sessions are from 8 am to Noon, transportation provided from SHS.

Science

November 2, 2019 – North High
February 1, 2020 – North High
March 14, 2020 – Mock Exam @ SHS

English

October 26, 2019 – North High
January 11, 2020 – Mock Exam @ SHS
March 28, 2020 – North High

Math

November 23, 2019 – South High
March 7, 2020 – North High
April 4, 2020 – Mock Exam @ SHS

Computer Science

December 7, 2019 – North High
March 21, 2020 – North High
April 4, 2020 – Mock Exam @ SHS

The ALT-IVIES

15 Colleges with Blue Chip Reputations

With skyrocketing application rates, these schools—once safeties—are now at the top of valedictorians' lists.

Swarthmore College, Swarthmore, PA

Carleton College, Northfield, MN

Carnegie Mellon Univ. Pittsburg, PA

Babson College, Babson Park, MA

Northwestern Univ. Evanston, IL

Vanderbilt Univ. Nashville, TN

Duke Univ. Durham, NC

Williams College, Williamstown, MA

Bowdoin College, Brunswick, MA

Davidson College, Davidson, NC

Rice University, Houston, TX

Pomona College, Claremont, CA

Univ. of California, Berkley, CA

What are Qualities a college wants?

- * Leadership
- * A willingness to take risks
- * Initiative
- * A sense of social responsibility
- * A commitment to service
- * Special talents or abilities

<https://bigfuture.collegeboard.org/get-in/applying-101/character-counts-what-are-colleges-looking-for>

9th Grade Geometry

By Mr. Jackson

For Geometry, in the second quarter we'll be concluding Trigonometry at the end of this unit and exploring triangular segments. We will then begin the second quarter with a project that describes the location of Euler's line from a single triangle using linear Algebra and Trigonometry. From there, we'll be covering triangular similarity, triangular congruency, quadrilaterals, area, and surface area ahead of our mid-term. Some of the real-life applications that we'll be tackling will

be the following at the minimum: completing a proof to unlock a new theorem, matching up sides with opposite angles, finding centers of gravity for shapes, finding the area of any triangle as well as the. the surface area of any polyhedron.



So many books.... So little time....

Fine Arts

By Ms. Smith

It is an exciting time of growth for the South High Music Department. Mr. Brian McCulloch is our new assistant band director. He has added two new classes to our offerings: Guitar I and Music Production. Our new Chorus teacher is Ms. Allyson Meacham. We are able to offer more piano classes with her on board and the chorus and piano are expanding their repertoire genres, under her direction.

The band is fundraising for their trip to Washington, D.C., which is April 19-21. They are also collaborating with Worcester Youth Orchestras to present a Veteran's Day Chamber Concert on Friday, November 8th.

Mr. McCulloch's guitar classes are always in search of instruments and related accessories. If you have old instruments taking up space in a closet or attic, please consider a donation to the South High Music Department!

The chorus has grown since the beginning of the year, and its 59 students are raising money for the MICCA festival and other opportunities this year.

Sophomore Goddard Scholar ELA 10th grade

By Ms. Ledoux

In the sophomore Goddard English class, we are studying works of American literature that will inspire us to think more deeply about important parts of American history and ideology.

We will be reading Lorraine Hansberry's play *A Raisin in the Sun* with attention to character development and to themes that develop in the play around family, race, money and dreams. We will be reading supplemental texts that introduce us to the complex reality of the American Dream, and we will study different actor interpretations of the characters, including the main character Wal-

ter - starting with Sidney Poitier and going all the way to Sean Combs and Denzel Washington!

We will also be reading Tim O'Brien's *The Things They Carried* and learning about the 1960s and the Vietnam War. In this book we will study how point of view and perspective influence the way an author's message is conveyed.

We will begin to prepare a little more in depth for the MCAS test, and further we will also begin studying vocab and grammar to prepare for the SATs in the future.

Helpful information — Deadlines

for Goddard Scholars from the Guidance Department

The most common **deadlines** for early action are **November 1** and **November 15**. These **deadlines** are not flexible; you must get all your materials, including recommendation letters and test scores, to the school by the stated **deadline**. Since you apply early, you'll also be notified of your admissions decision early.

Scholarships are starting to come in! Please see your guidance counselor for updates and application information.

If you haven't starting asking teachers and counselors to write your letter of recommendation **NOW** is the time. Please see your counselor for the student questionnaire and teacher recommendation form if you haven't done so already.



“Education is not the learning of facts, but the training of the mind to think.

~Albert Einstein

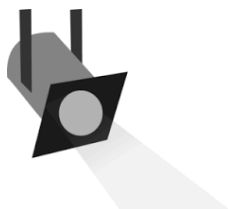
AP Human Geography

By Ms. Avellino

AP Human Geography focuses on these 3 questions: **what is where, why there, and why care?** During Quarter 2, AP Human Geography students will be learning about culture. They will consider the physical environment's effects on cultural practices. They will identify and relate their own cultural identity to numerous class topics. Students will analyze visuals representing class topics that all shed light on cultural landscapes and how they change over time. Students will learn the impact of pop culture on folk culture and folk culture on pop. Students will compare different religions and the cause and effect of their spread

throughout the world.

Language is one of the more fun topics students will study. They will complete a case study: Do You Speak American? Learning about the different accents and ways Americans talk. The culture unit will finish on race vs ethnicity and discerning the differences between them along with enjoying an Ethnic Food Day! Students will also complete a Sidewalk Geographer Project, finding examples of different parts of culture we study within Worcester. All in all, the AP Human Geography students will not only explore their own culture during this unit but cultures throughout the world.



AP SPOTLIGHT

AP PHYSICS I

Course Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

Prerequisites: There are no prerequisite courses. Students should have completed geometry and be concurrently taking Algebra II or an equivalent course.

Who might want to take AP Physics 1: Anyone curious about understanding the rule book that reality follows! Recommended for students interested in studying science; teaching science, engineering, astronomy, robotics, architecture, environmental science, medicine, nursing, and other careers in the medical field.

Why take AP Physics 1 in high school: Students who take the class in high school have a huge advantage over students who wait till college to take Physics. Compared to college, the high school offers a much smaller class size, more personalized instruction from the teacher, and more time in class to learn the material.



ALL YOU HAVE TO
DO IS ASK...

EXTRA HELP

SHS offers an Academic Recovery program which offers extra help to our students every Tuesday and Thursday after school from 2:00-3:00 in classroom areas. *Students are encouraged to confirm teachers are staying after on those days.* Students are required to stay for the entire extra help session which ends at 3:00.

Snacks and transportation home, (an after-school bus) will be provided.

All students are highly encouraged to attend for this additional support, especially those who are not passing a course. Grades are available on line, as well as an interim report card which is mailed home.

SOUTH HIGH OFFERS 23 AP COURSES, WITH AWARD WINNING TEACHERS

AP Art History (off campus, after school)
AP Art- Studio 2D
AP Art- Studio Drawing
AP Biology
AP Calculus
AP Chemistry
AP Computer Science
AP English Language
AP English Literature
AP Environmental Science
AP Government and Politics
AP Human Geography
AP Microeconomics
AP Physics I
AP Physics II
AP Psychology
AP Spanish Language
AP Spanish Lit
AP Statistics
AP US History
AP World History
AP Seminar
AP Research

27% of South students are currently enrolled in an AP course.

25% of South's seniors received a qualifying score on an AP exam.

Approximately 60% of the SHS's AP teachers have received recognition for their excellence in teaching including:

- ◆ The Mass Insight Partners in Excellence
- ◆ WPS's Thomas Jefferson Award
- ◆ Mount Vernon Fellowship
- ◆ Museum Art Educator of the Year



Attendance

& Tardy Policy

Attendance—Please monitor your child's attendance. **Fourteen** unexcused absences in a class will result in loss of credit for that class.

Homeroom is a very important part of the school day. Students receive information regarding upcoming activities, club meetings, academic deadlines, and written notices to students and parents. School starts at 7:20 am. Students are expected to be in their seats in Homeroom at 7:20 am.

From the Policies Handbook for the Worcester Public Schools 2019-2020

"A student who is not in his/her assigned seat at the start of homeroom / class is tardy."

Students arriving to school after homeroom will be signed in at the tardy station for the first period of the day, and the main office starting the second time slot.

Consequences for Tardies

5 Tardies—Letter Sent to Parents

10 Tardies—Prohibited from extra-curricular activities and Sports

15 Tardies—In House suspension

20 Tardies—Out of School suspension, Parent in school meeting

South High Sports

Check out our Facebook page
"South High Colonels".

All game schedules can be located
at
<http://miaa.net/schools/public/SouthWo>

To participate in athletics students must have the following completed:

- * A sports physical completed by a physician on file in the school nurse's office. Need help with this? Please stop by the health center in school BEFORE the start of the sport season.
- * A permission slip and information packet (from the coach) completed by a parent or guardian.
- * Attendance at the Wellness Meeting. Winter Wellness meeting is Monday November 14 @ 2pm. The spring meeting will be announced as we approach that season.
- * Have questions? Please see your coach or Ms. Shields in the PE

Go Colonels!

The South High Colonels on the move!

Athletics at South High are booming this year. With over 300 students having participated in fall sports, we will fast be approaching the start of the winter sports season. Students should watch for pre-season meetings with their respective coaches. The first day of the winter season is Monday November 27.

Did you know we have ALL of these athletic teams at South High?

| <u>Fall</u> | <u>Winter</u> | <u>Spring</u> |
|------------------|------------------|-----------------|
| Cheerleading | Boys Basketball | Baseball |
| Crew | Girls Basketball | Crew |
| Cross Country | Cheerleading | Lacrosse |
| Field Hockey | Ice Hockey * | Outdoor Track |
| Football | Indoor Track | Softball |
| Boys Soccer | Swimming * | Tennis |
| Girls Soccer | Wrestling * | Boys Volleyball |
| Girls Volleyball | * City Wide Team | |

"I love having my students participate in extracurricular activities — learning is more than paper, pencil and books."

