

## **2019-2020 School Programs**

The Office of Pre-collegiate Outreach Programs at WPI coordinates K-12 STEM programs during the summer and school year. Below is a list of upcoming school year programs! To register/apply to these programs, go to [www.wpi.edu/+pop](http://www.wpi.edu/+pop). For more information, please contact us by email at [pop@wpi.edu](mailto:pop@wpi.edu) or by phone at 508-831-4900.

### **Girls Robotics Team**

The Girls Robotics Team will offer girls in grades 3-5 an opportunity to explore and discover what robotics is all about. Girls will work together in teams to build and program robots! This program will provide a safe space for the girls to succeed, and grow their confidence and abilities together.

**Program Dates:**

- October 23, 30
- November 6, 13
- December 4, 11
- January 15, 22, 29
- February 5, 12, 26
- March 4, 18, 25
- April 1, 8

**Grades:** Girls in Grades 3-5

**Hours:** Wednesdays, 4:00 - 6:00 pm

**Cost:** Free

**Registration:** Opens September 23 at 9:00 am

[Register Here!](#)



### **Tech Kids**

Is your student interested in science? Do they love math? Do they want to build a skyscraper or participate in a lab dissection? If they answered yes to any of these questions, or have a general interest in the STEM (Science, Technology, Engineering, and Mathematics) fields, then Tech Kids is an excellent after-school program for them! Tech Kids is a WPI outreach program that encourages children to pursue study and a career in the STEM fields by exposing them to many different fields of science and engineering along with a wealth of positive role models. During each session, WPI students facilitate a wide variety of hands-on activities that promote creativity, problem solving, and teamwork in middle school students.

**Program Dates:**

- September 11, 2019
- October 9, 2019
- November 13, 2019
- December 11, 2019
- January 15, 2020
- February 12, 2020
- March 18, 2020
- April 8, 2020

**Grades:** Boys and Girls in Grades 5 & 6

**Hours:** Wednesdays, 4:00 - 6:00 pm

**Cost:** \$160 (fee is non-refundable). **Need-based financial assistance is available.**

**Registration:** Opens August 19 at 9:00 am

[Register Here!](#)

# WORCESTER POLYTECHNIC INSTITUTE

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## Girls Who Code Club

Girls Who Code is a program for girls who are interested in learning about computer science and how to impact their community. This program exposes girls to positive female role models with a background in computer science.

**Program Dates:**

- September 11, 18, 25
- October 2, 9, 23, 30
- November 6, 13
- December 4, 11

**Grades:** Girls in Grades 7 - 11

**Hours:** Wednesdays, 4:00 - 6:00 pm

**Cost:** Free

**Fall Registration:** Opens August 19 at 9:00 am

[Register Here!](#)

## Women's Research And Mentorship Program (WRAMP)

The Women's Research And Mentorship Program is for girls who are interested in learning about STEM research alongside a WPI undergraduate and graduate student. This program exposes young women to positive female role models with a STEM background who are pursuing an undergraduate, masters, doctorate, or post-doctoral degree. Each student will be matched with an undergraduate and graduate student to work on a research project in a mentoring setting. Topic areas range according to the research focus of the graduate students participating in the program. High school women will work weekly on their research project 2-4 hours per week and will also be required to attend Saturday Workshops at the start and end of the program.

This program is funded through a Women's Impact Network grant. Preference is given to young women in Worcester Public Schools who identify as women of color. High school participants will receive a \$250 participation stipend upon completion of the program and \$500 towards an STEM summer program at WPI in 2020. (Students must complete all of the program meetings to be eligible for the stipend).

**Grades:** Girls in Grades 10 & 11

**Fall Lab Dates:** September - December 2019

**Lab Safety Training & Orientation:** Date Coming Soon

**Fall Saturday Workshops:** Saturday, September 21 & Saturday, December 7 from 9:30 am - 12:00 pm

**Application:** Opens August 19th at 9:00 am

[Apply Here!](#)