



June - August 2020 STEM Newsletter

Greetings,

This newsletter provides information on various programs and professional opportunities. In addition, we have a variety of fun and educational activity options compiled on our [website](#) available to K–12 students and their families. We encourage you to share these resources and opportunities with anyone that may find them beneficial.

Well wishes to your family and our communities,

The Center for Educational Outreach

[Visit our Website](#)

Program Information

Biomedical Engineering Innovation

Plan to join us for BMEI online this summer! Biomedical Engineering Innovation is an online course for high school students which introduces biomedical engineering by (1) modeling biological systems and designing experiments to test those models and (2) introducing engineering principles to solve design problems that are biological, physiological, and/or medical.

Click [HERE](#) or contact [BMEI](#) for more information.



Application Deadlines:

Summer | Friday, June 5, 2020

Fall | Friday, August 7, 2020

Location: Online

Coding Classic Games Online Summer Camp

Learn the fundamentals of computer programming in an engaging, graphical context! We'll be scripting code to solve challenges and build functioning computer games. Participants will leave this program with the skill to build games of their own design. This fast-paced, week-long camp is for beginning and intermediate coders.

Topics Included: animations, decisions, events, functions, loops, arrays, objects.

Click [HERE](#) or contact [Mick Scott](#) for more information.

Coding Classic Games

Ages 13+

www.NewSightEducation.com

Available Sessions:

Monday, June 15 - Friday, June 19

Monday, June 29 - Friday, July 3

Monday, July 6 - Friday, July 10

Time: 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM Eastern time

Location: Online

Get Involved

100kin10 Resources Needed

Do you have a teaching resource (or resources) you love? Share with the 100kin10 team. Our goal is to collect and curate resources for Mid-Atlantic educators with an ultimate hope to disseminate this information in a future website.

Click [HERE](#) to add resources.



Opportunities for Professional Growth

Science Leadership Foundation Professional Leadership Course

This 45-hour Professional Learning Course and Community focuses on the content knowledge, pedagogical practices, and leadership knowledge required to support, sustain, and advance science literacy achievement in PreK-5 and PreK-8 schools, as defined by the Common Core and Next Generation Science Standards. The class meets daily in small and large groups via Blackboard collaborative online platform.

For more information click [HERE](#) or e-mail [Alisha Sparks](#).



JOHNS HOPKINS
WHITING SCHOOL
of ENGINEERING

Dates: Monday, July 20, 2020 - Friday, July 24, 2020

Time: 4:30 AM to 7:30 PM (Synchronous Learning)

Location: This course will be offered on-line

Student Highlight

WISE Student Joins Hopkins

A former WISE and Engineering Innovations student, Abisola, will be attending Johns Hopkins University this fall as a Baltimore Scholar.

Click [HERE](#) to read more about her experiences in STEM and her path to Hopkins.

