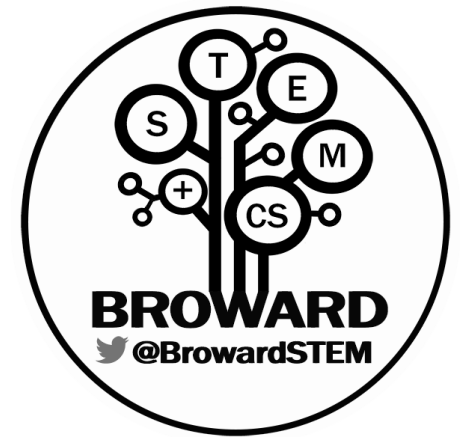


STEM+Computer Science

For every student in every school

SECME

- SECME STEM Olympiad program in Broward Schools is a strategic alliance to renew and strengthen the professional capacity of K-12 educators, motivate and mentor students, and empower parents so that all students can learn and achieve at higher levels.
- The program goal is to increase the pool of historically underrepresented and under-served students who will be prepared to enter and complete post-secondary studies in science, technology, engineering and mathematics (STEM); thus creating a diverse and globally competitive workforce.
- Broward County students compete in mousetrap cars, water bottle rockets, banners, essays, generator build, bionic arms, team challenge and VEX exhibition. Starting in 2017-18, the Broward SECME Bridge competition is affiliated with the Broward MPO/AASHTO National Bridge competition for grades 7/8, 9/10 and 11/12.

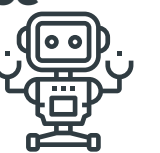


Hands-on problem-solving



Computer Science

Robotics



Engineering

Environmental Stewardship



**Broward County Public Schools
Applied Learning Department**

Susan Cantrick, Director
Dr. Lisa Milenkovic, Supervisor, STEM+CS

browardschools.com/stem

Current

3 Year

5 Year



SECME Schools:

65 Elementary
30 Middle
20 High

SECME Schools:

80 Elementary
35 Middle
25 High

SECME Schools:

100 Elementary
43 Middle
33 High

SECME began in Broward Schools more than 30 years ago. Prior to 2014, participation was limited to 2 elementary and 20 secondary schools.

*2020-21 School Year:

Due to the remote and blended environment of the 20-21 school year, the STEM+CS transitioned to digital quarterly challenges. Among these were challenges aimed at SECME students and programs. While there was no formal SECME event, 20 new schools/programs participated in these challenges. We will continue to offer these challenges as a part of the modified 2021-22 SECME program, which will likely result in increased SECME participation.



The School Board of Broward County, Florida Lori Alhadeff • Torey Alston • Brenda Fam, Esq. • Daniel P. Foganholi • Debra Hixon • Dr. Jeff Holness
Sarah Leonardi • Nora Rupert • Dr. Allen Zeman • Dr. Peter B. Licata, Superintendent of Schools

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