B'More Codes Robot Rookies

Credit and Stipend

Each participant who successfully completes the program will be eligible for:

- 1 CPD credit
- $375 stipend

Workshop Dates

Two in-person sessions will be held at the Towson University Center for STEM Excellence (701 E Pratt St, Baltimore, MD 21202)

- **Day 1**: July 10, 2025, 9am-3pm
- **Day 2**: July 17, 2025, 9am-3pm

A final virtual Share Session will be held via Zoom.

- **Day 3**: December 6, 2025, 9am-12pm

Apply

Submit your application ASAP! Applications will be considered on a rolling basis until all seats are filled.

What is the B'More Codes Robot Rookies?

For the last several years, the Towson University Center for STEM Excellence has offered a B'More Codes workshop for middle and high school teachers. We are excited to expand the program to include elementary teachers this year, with sessions designed for 3rd-5th grade teachers. Participants will learn how to engage students in computational thinking and hands-on coding using coding robots.

How does the program work?

Participants attend three professional development sessions hosted by the TU Center for STEM Excellence. During these sessions, participants will learn about computational thinking concepts through a variety of "unplugged" and "plugged" activities. During the "plugged" portion of the workshop, participants will learn how to use Ozobot Evo robots, which can be programmed screen-free using color code markers and online with block-based coding.

After completing the first two sessions of the workshop, participants will borrow a class set of the robots for two weeks to facilitate a computational thinking lesson with their students using hands-on robotics. Borrowing will take place between February and June.

Finally, particpants will share the results of their lesson implementation at the final Share Session in the June.

Who can apply?

Any 3rd-5th grade teacher in Maryland is eligible to apply for this program. You do not need to have any prior coding or robotics experience.

TOWSON UNIVERSITY | Center for STEM Excellence