

# B'More Codes Robot Rookies



## Credit and Stipend

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

- 1 CPD credit (pending)
- \$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:** January 18, 2025, 9am-3pm
- **Day 2:** January 25, 2025, 9am-3pm

A final virtual Share Session will be held via Zoom.

- **Day 3:** June 7, 2025, 9am-12pm

## How to Apply

The application has two parts, and both must be submitted for your application to be considered:

1. [Teacher application](#)
2. [Principal support form](#)

## 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 3<sup>rd</sup>-5<sup>th</sup> 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, participants will share the results of their lesson implementation at the final Share Session in the June.

## Who can apply?

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