Robotics, Cybersecurity and Computer Science for Middle School (ROCCEM)
Professional Development Workshop

ROCCEM—short for Robotics, Cybersecurity, and Computer Science for Middle Schools, is an adaptable 9-week, hands-on curriculum aligned to TN K-12 Computer Science Standards designed to make computer science come alive for your students. Funded by the National Science Foundation and developed by researchers at Vanderbilt University in partnership with the Tennessee STEM Innovation Network (TSIN), ROCCEM turns complex topics into fun and engaging learning experiences. Through this projects-based course, you and your students will dive into the fascinating worlds of distributed computing, computer networking, robotics, and cybersecurity. This professional development opportunity will introduce you to the curriculum and offer continual support virtually throughout the 2025-2026 school year.

How?
- Join us for a one week workshop where we will introduce you to Netsblox, a free browser-based, visual programming environment and the **free** RoCCeM curriculum.
- $250 Stipend
- Watch this **video** to learn more about the curriculum.

When?
- June 9-13th, 2025
  - In person -Monday, Wednesday, and Friday @ Vanderbilt University in Nashville, TN
  - Virtual - Tuesday and Thursday
- Virtual connection points throughout the school year for continuing support.

Next Steps?
- Space is limited so apply by March 1.
- This opportunity is specifically for middle school teachers that will be teaching computer science in 2025-2026 school year.
- Contact Stephanie Zeiger with TSIN (zeigers@battelle.org) with any questions.

Apply here by March 1st!