Overview

STEM lessons develop computational thinking skills that are needed in the fields of Science, Technology, Engineering and Math. This webinar will show teachers a plethora of resources to engage their students in higher order thinking. Attendees will explore resources and lessons they can implement into their classroom.

Webinar Agenda

00:00 – 10:00 **Welcome:** Introductions, Meeting Controls, Attendance, Objectives
(10-minute duration)

10:00-20:00 **Hacking STEM:**
- Standards-based lessons and hands on activities
- NASA STEM
(10-minute duration)

20:00-30:00 **STEM and MakeCode:**
- Block to Text editor progression
- JavaScript language
- VS Code editor
- Minecraft Education Edition
(10-minute duration)

30:00-45:00 **STEM and the Microsoft Education Center (MEC)**
- Courses
- Learning Paths
- Lesson Plans
(15-minute duration)

45:00-60:00 **Closing Questions and Answers**
(15-minute duration)
Resources

- Hacking STEM Lessons & Hands on Lessons
- Coding with Minecraft
- Microsoft Educator Center - https://education.microsoft.com/en-us