



## STEM Tools and Resources in the Classroom

### 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>