**ikES**

INSPIRING KNOWLEDGE EDUCATION SOFTWARE

Microsoft
Hacking STEM

# Hacking STEM

*is a Microsoft Education program composed of a portfolio of affordable inquiry and project-based activities to visualize data across science, technology, engineering, and math (STEM) curriculum. Middle school standards-based lesson plans written by teachers for teachers.*

We are customizing powerful tools like Excel to meet the needs of the modern classroom. While Excel has been a go-to tool to analyze historic or static data, we have enabled Excel to stream and visualize data in real time to support STEM learning. We are committed to building immersive and inclusive learning experiences for students focusing on building 21st century technical skills like mechanical, electrical, and software engineering, and data science.

**21st century technical skills**

Mechanical
Engineering

Electrical
Engineering

Software
Engineering

Data
Science

**Our mission** is to modernize STEM learning to enable every teacher and student on the planet to achieve more.

**Free lesson plans by teachers for teachers.**

## Who is it for?
Educators and students.
The activities are especially loved by middle school students.

## How much does it cost?
All lesson plans, activity instructions, workbooks, and microcontroller code are free and available on aka.ms/HackingSTEM.

## What do I need to get started with the projects?
The material list for each project is available on aka.ms/HackingSTEM.
The workbook requires Microsoft 365.

View all our lesson plans at aka.ms/HackingSTEM.

**ikES powered by jp.ik**

For more information, please contact **sales@jpik.com**

Some software features may not be available depending on the hardware and Operating System of the device.