

Emojis

30 minutes

Microbit Basics

WHAT THIS LESSON DOES

Embark on a fun journey of programming your Microbit to display various emojis. Start a new project, create different faces such as asleep, happy, sad, and meh. Test your code in the simulator, add an angry face for when you shake your Microbit, design your own face, and finally, test your code on your Microbit.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Understand and utilise the Microbit project platform.
- Programme Microbit to display various emoji faces.
- Implement button-press functions to change displayed emojis.
- Use Microbit's accelerometer sensor to trigger emoji changes.
- Design and implement a custom emoji using the 'show leds' block.

Emojis

HOW THE LESSON RUNS

Create a new Microbit project

Show the asleep face

Make it happy

Make it sad

Make it meh

Test your code in the simulator

Make it angry

Design your own face

Test your code on your Microbit