

Microbit Lab

60 minutes

Microbit Basics

WHAT THIS LESSON DOES

As the teacher, guide students through brainstorming Microbit project ideas in small groups. Demonstrate a simple LED pattern to inspire them, facilitate group discussions, provide feedback on their ideas, and support them during project creation and presentations.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Develop creative and achievable project ideas using basic Microbit blocks.
- Collaborate effectively in small groups to brainstorm, plan and execute a Microbit project.
- Present project ideas clearly and receive feedback constructively.
- Apply problem-solving skills to create a Microbit project based on the brainstormed idea.
- Reflect on the project creation process, discussing changes made, challenges faced, and skills learned.

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HOW THE LESSON RUNS	
Introduce the lesson	
Forming Groups	
Brainstorming Session	
Sharing and Feedback Session	
Project Creation	
Show and Tell	