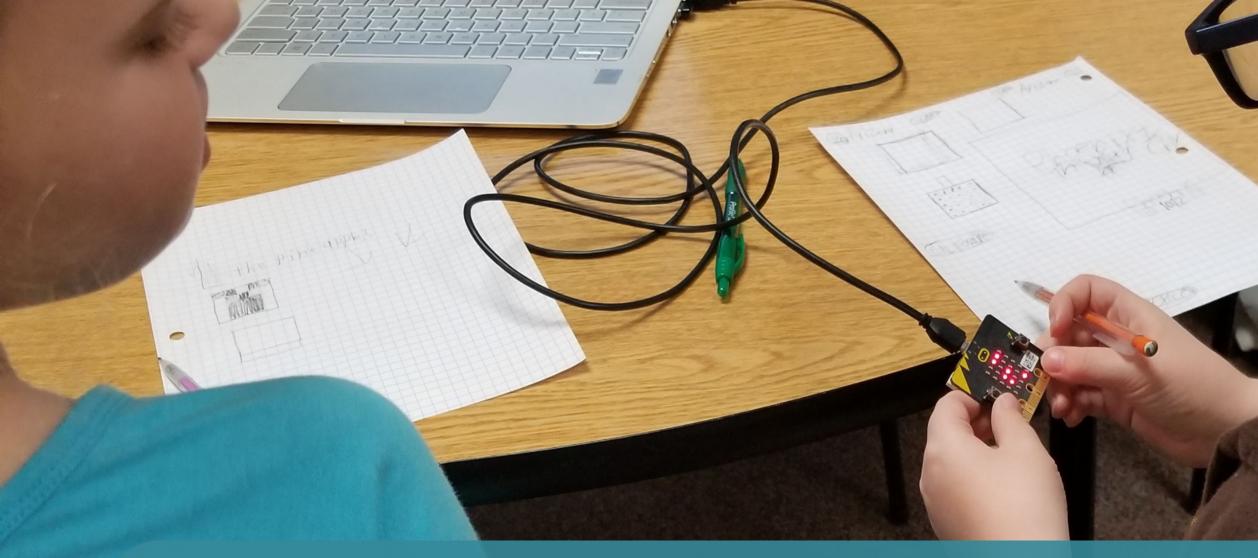
ROFESSIONAL DEVELOPMENT SERIES



Digging into the Garden TOOLS lessons



Unit question

How can we use existing technology tools and create or modify new technology tools to explore, understand, and improve our garden?

What are our existing ideas about technology?

How can we beautify the garden with art or music?

How can technology help us to manage our garden better?

Can we create our own technology solutions to a real garden challenge?

Sub-questions

What are our existing ideas about technology?

How can we beautify the garden with art or music?

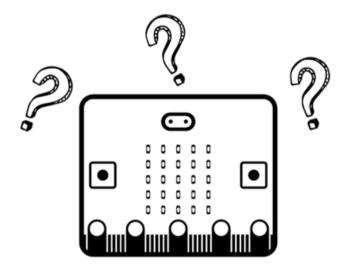
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Garden technologies: The obvious and the overlooked

Intro to BBC micro:bit and exploration



Computers and computational thinking What are out technology?

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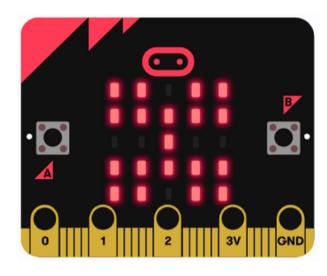
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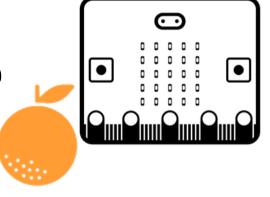
art or music?

How can we beautify the garden with



Creating garden icons

Making a fruit button





Modifying your button code to play music

art or music?

How can we beautify the garden with

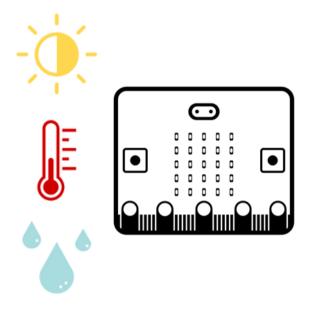
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Exploring weather and data-informed decisions



Introducing emerging

agricultural technologies

- Precision ag tech
- Automation
- Biotechnology

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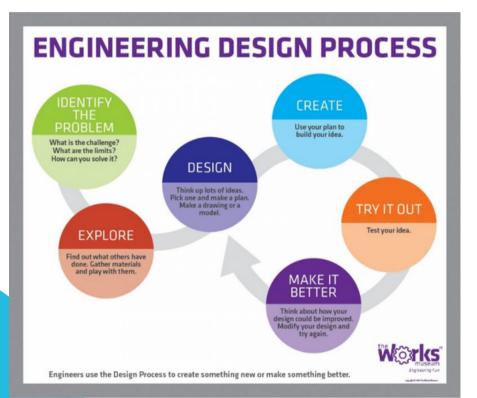
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Using the engineering design process to solve garden challenges



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