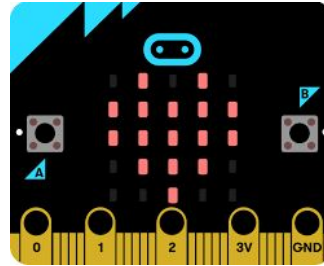


Pltw Networking Conference: Everyone Could Use a Bit...A MICROBIT



Presenters: Keith Michon and Rebecca Rosow

Everyone Could Use a Bit...A MICROBIT

Agenda

- Brainstorm some challenges that we face with students in CSIM
- Welcome and introduction
- 3 ways to help struggling learners access course content
- 2 ways to keep advanced learners engaged
- In what ways do you or can you think to engage struggling learners as well as advanced learners in your class?
- Q&A

Welcome!

Brainstorm challenges you have faced making CSIM accessible to all students and challenging for advanced students

If you have not taught CSIM think about other technology courses that students take

About Us

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Accessibility Tip

Note Keeping

- Google Classroom vs. Notebooks

Accessibility Tip

Graphic Organizers

- Algorithms
- Flowcharts
- Code Tracing
- Inputs and Outputs

Accessibility Tip

Student Groupings

3 Tips for Paired Programming

- Choose groups thoughtfully
- Change groups frequently
- Teach respectful interactions

Accessibility Tip

Silent Teachers/Anchor Charts

[Input Output Poster](#)

[Pair Programming Poster](#)

[Micro Controller Poster](#)

Enrichment Tip

Coding in JavaScript



JavaScript

Enrichment Tip



DESIGN
CHALLENGE

The logo features the words "DESIGN" and "CHALLENGE" in a blue, sans-serif font. The letters are arranged in two rows. A circular flow diagram is overlaid on the text, consisting of several blue arrows that form a continuous loop around the words. The arrows start from the top left, curve around the "D" in "DESIGN", then around the "E" in "CHALLENGE", and finally around the "E" in "CHALLENGE" before returning to the top left.

A Mass STEM Hub event for PLTW students

Think Pair Share

What ideas do you have to engage struggling learners as well as advanced learners in your class?



Q&A

www.tinyurl.com/ma-learning-teams