Fís Foghlaim Forbairt

Professional Development Service for Teachers | An tSeirbhís um Fhorbairt Ghairmiúil do Mhúinteoirí

www.pdst.ie

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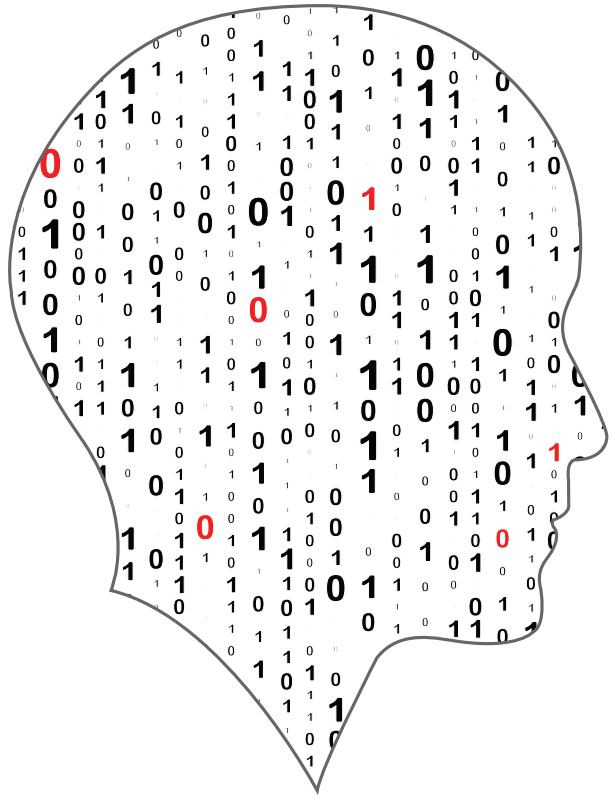

LEAVING CERTIFICATE COMPUTER SCIENCE

National Workshop 2

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Session 4 - ALT4 Embedded Systems I

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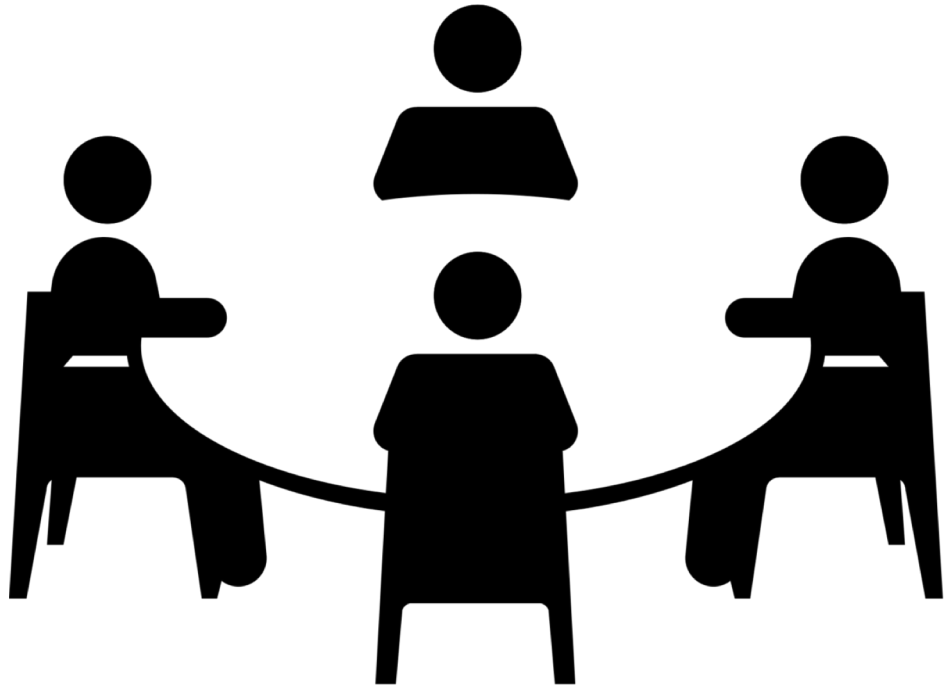
Main Group Activity



ALT4

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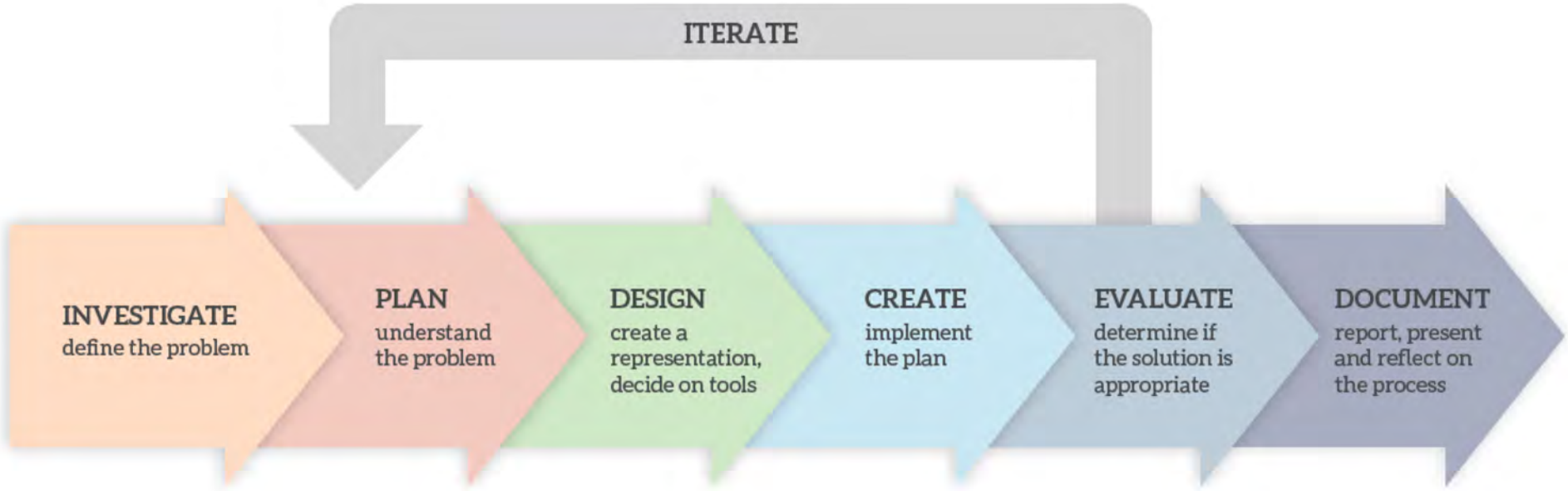

The Design Process

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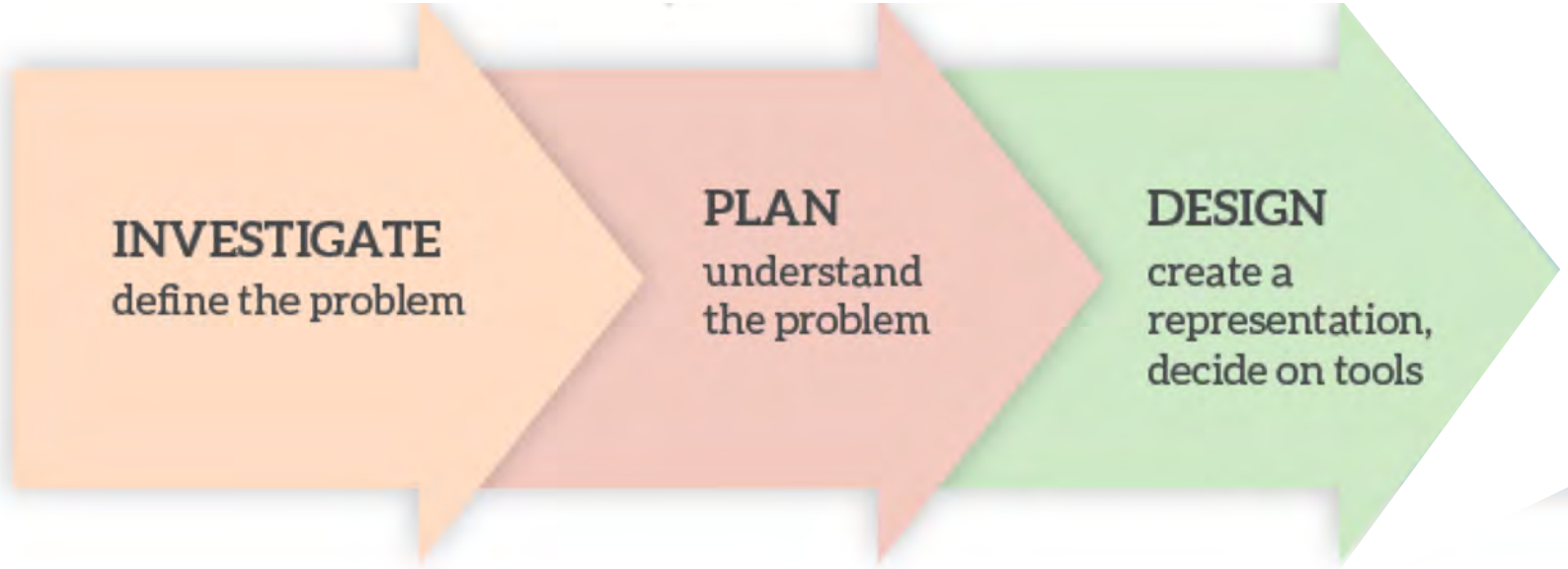

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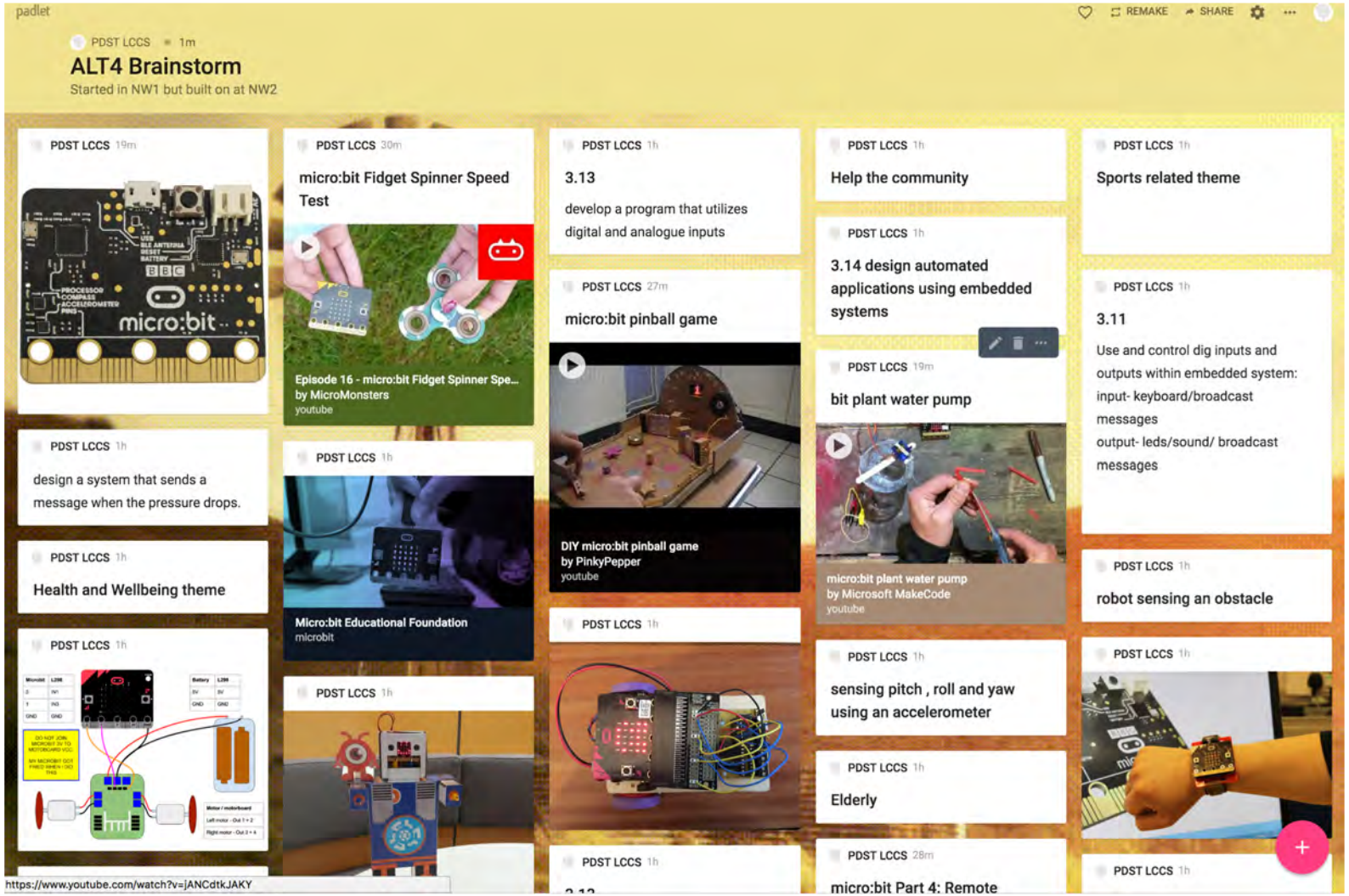
Warmup Activity - ALT 4 Follow Up



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padlet

1. In your assigned groups start brainstorming again as to possible project ideas for students for ALT4.

2. Aim for as many ideas as you can.

3. Fill in your ideas on the Padlet board supplied – can be text / images / videos etc.

padlet

https:// pdstlccs.padlet.org/cpd/sktc3s4as1z8

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LiveSlides web content

To view

Download the add-in.

liveslides.com/download

Start the presentation.

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Pick one of the suggestions from the Padlet board or one of your new ideas.

Dissect the idea

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Is there a broad theme or a specific topic?

Who is the audience?

What teaching & learning strategies could you use?

What does your project do?

Does your project idea cover all the LOs for this ALT?

What other LOs can be taught through the lens of this project?

What tools or materials are needed?

What are the roles in the group?

What research or upskilling do you need to do ?

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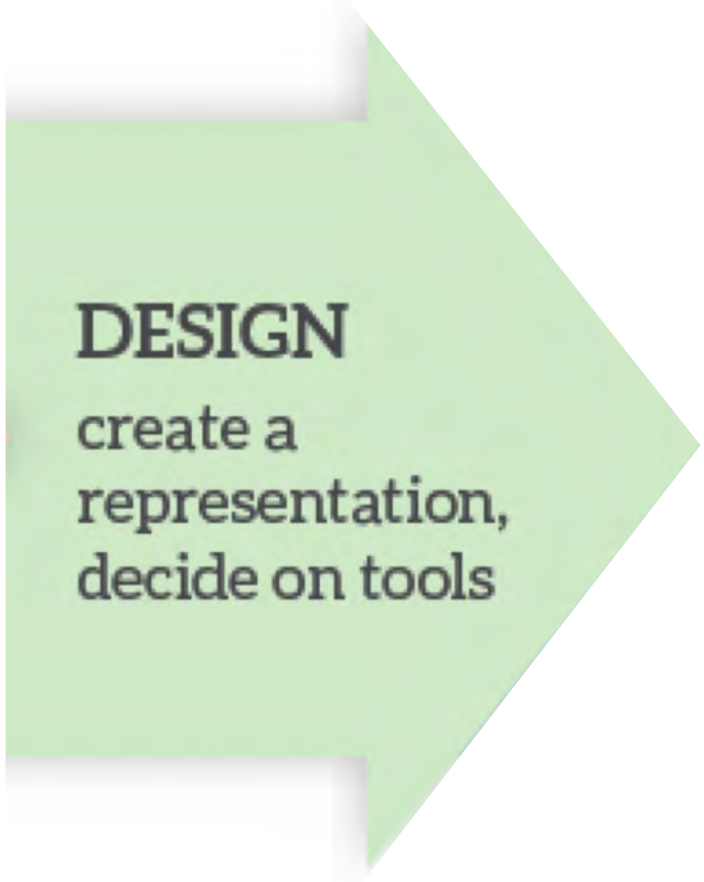

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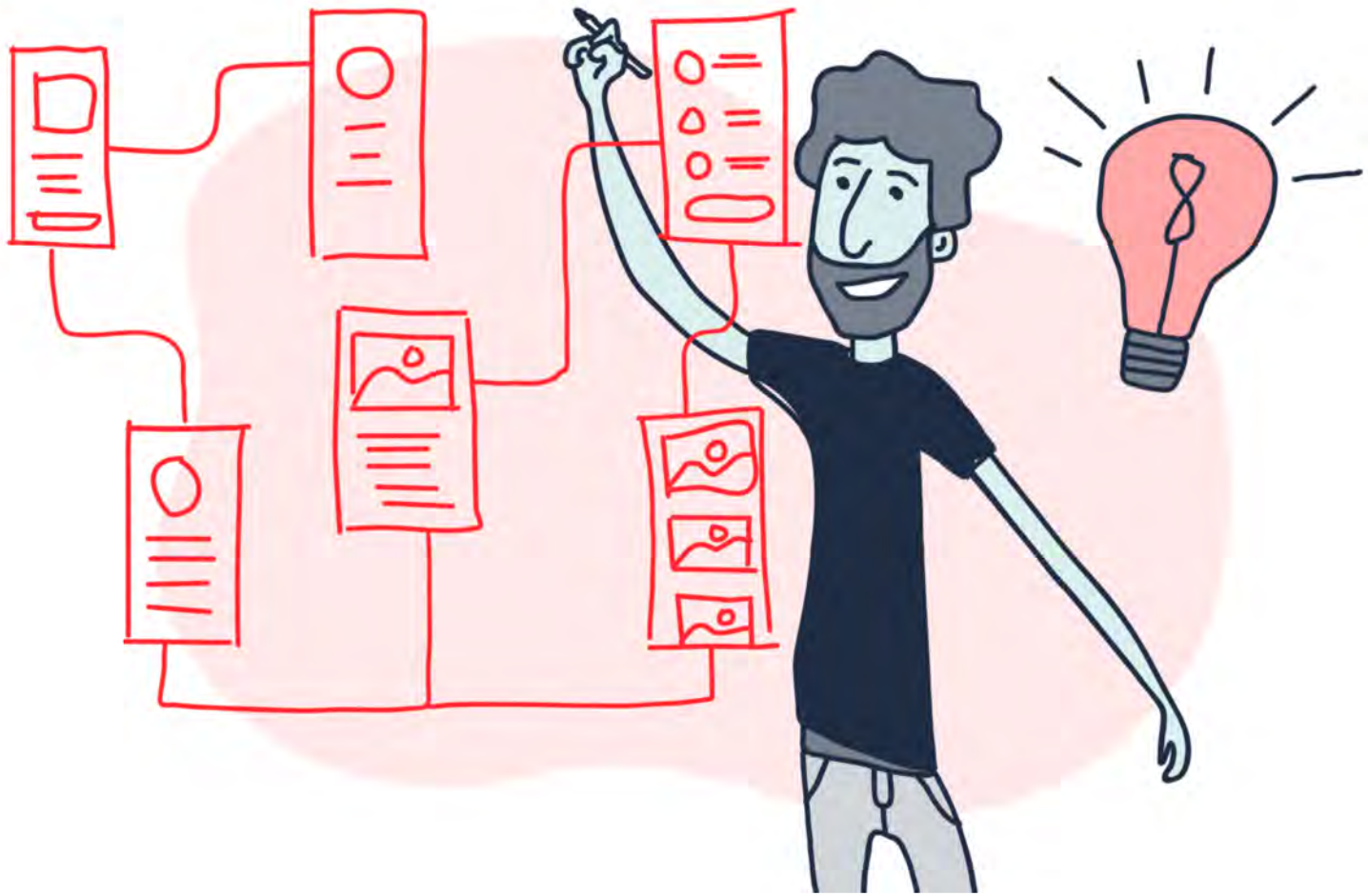

https://blog.overflow.io/8-tips-for-creating-better-user-flows-e46eb0d2a2c6

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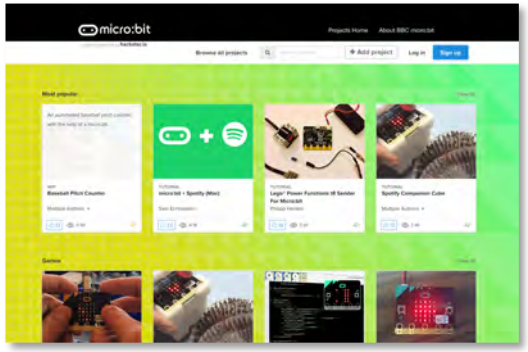
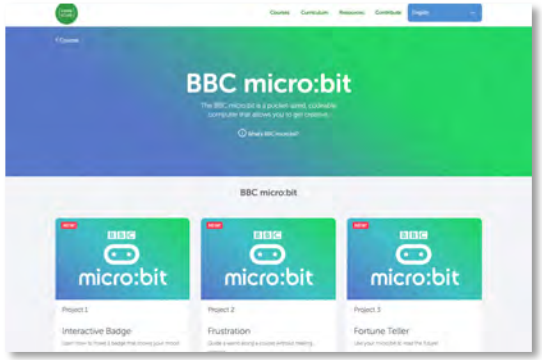
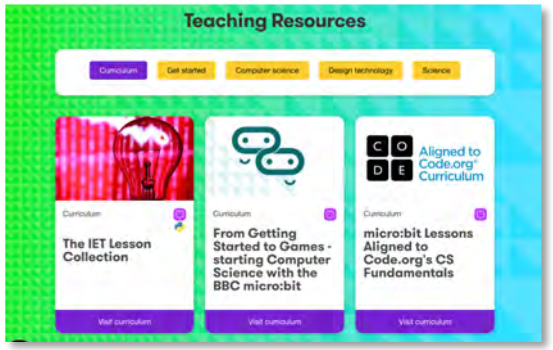
Online Resources for Micro:bit







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Quick recap / debrief from each team before we go for lunch.

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Lunch Break

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Session 5 - ALT4 Embedded Systems II

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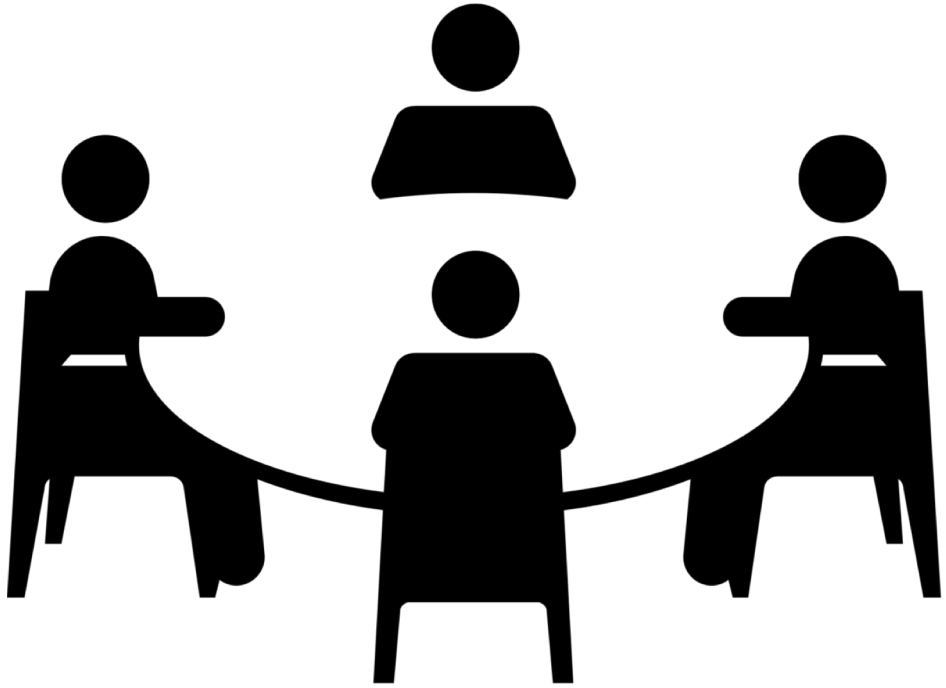
Main Group Activity

micro:bit



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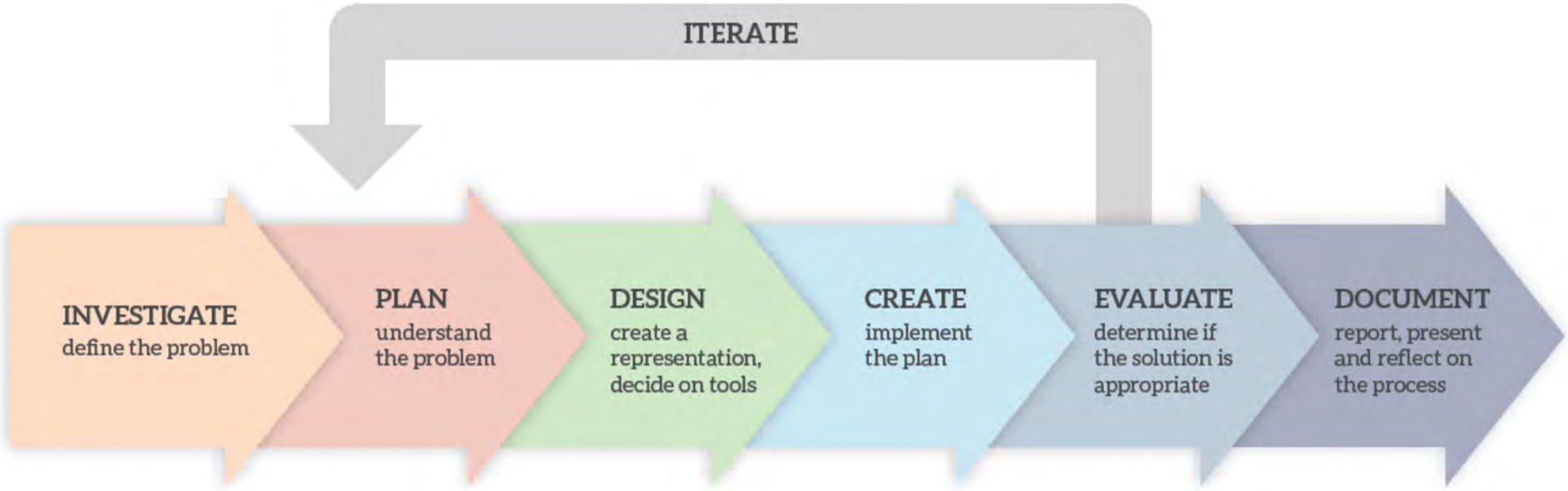

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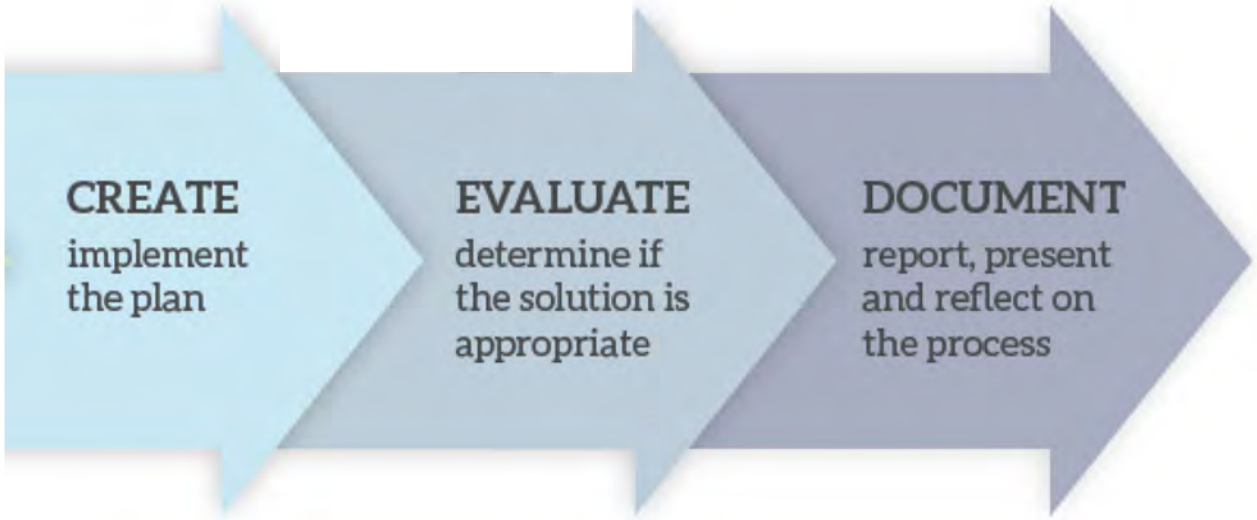

Session 5 - ALT4 Embedded Systems (Part II)

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Not expected to get finished!
- some groups might though!

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75 mins

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Presentation & Debrief

Roles & Group Dynamics

Problems

Design Process

Technology

Content / LOs

Theme & Audience

End Product

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