

Code scientific developments with Hopscotch



@mcd_boulanger



Publish

Everyday objects are made by coding



Edit



e





Google/Gallup poll



VS



Vision: Tony Wagner



Algorithm

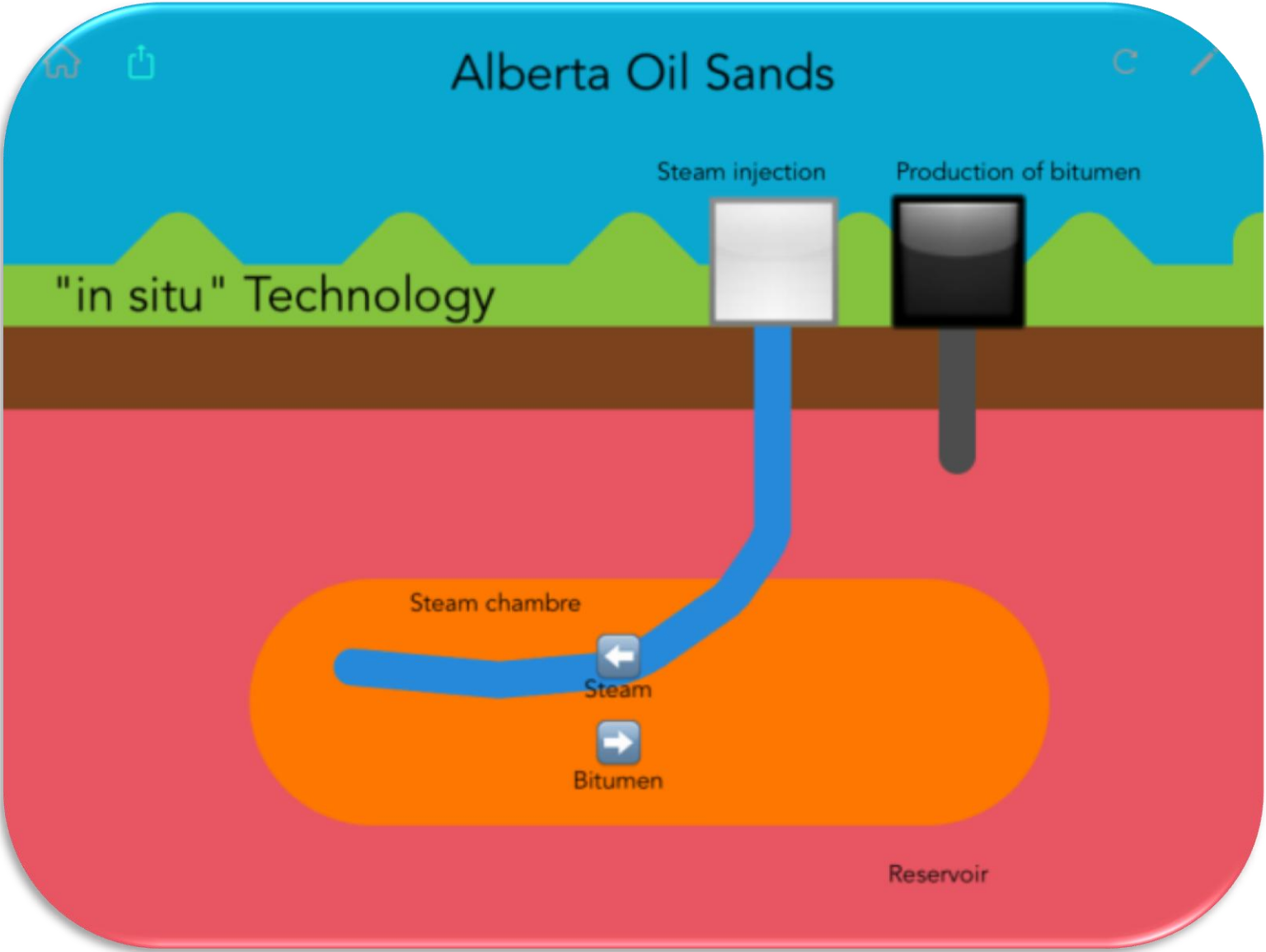


Hopscotch environment

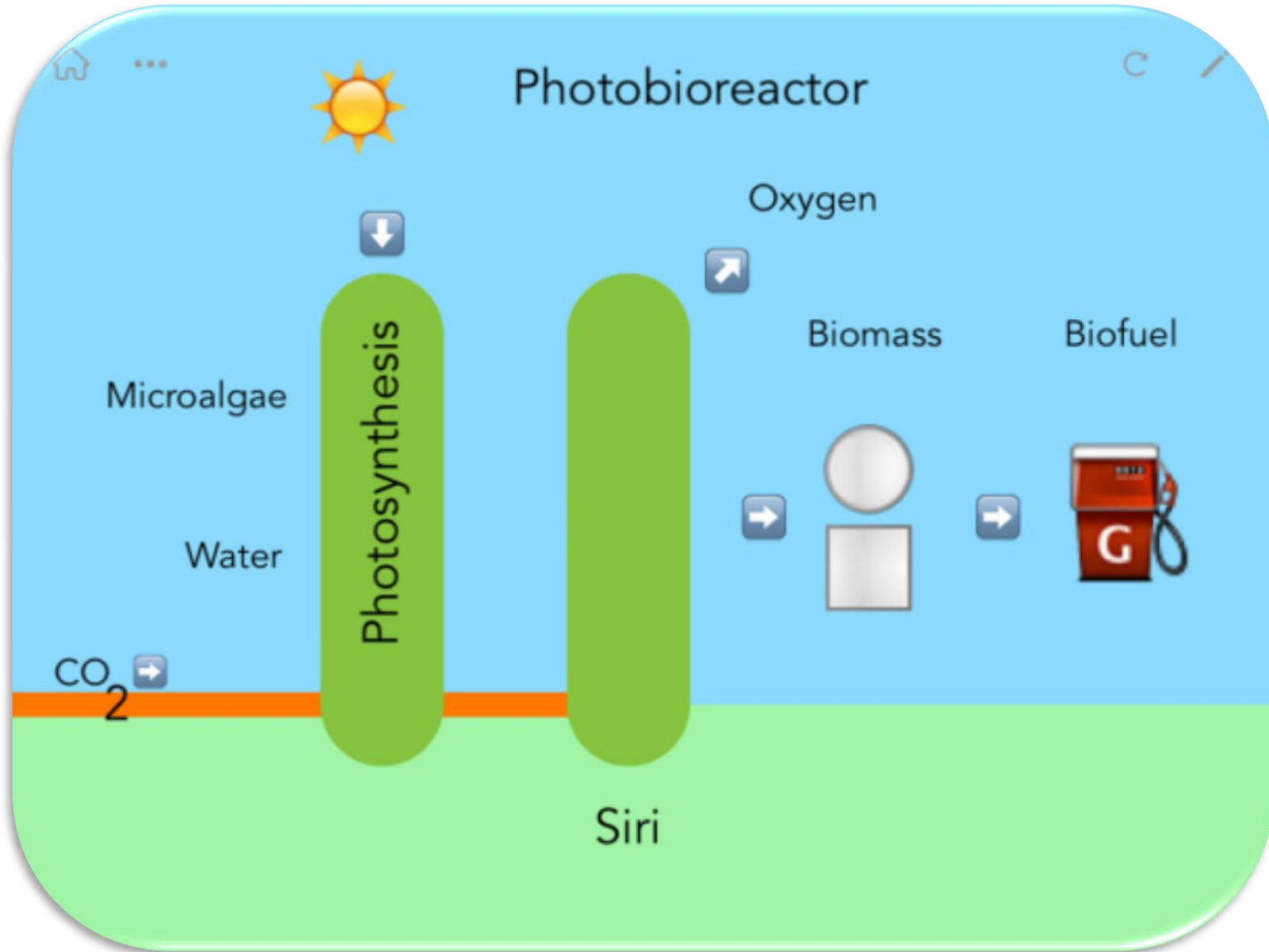
The screenshot displays the Hopscotch environment interface. On the left, a sidebar for variable **R2** is visible, containing two sections: **Values** (with 'Set Value' and 'Increase Value' buttons) and **Control Flow** (with 'Check Once If', 'Repeat', 'Check If Else', 'Repeat Forever', 'Wait', and 'Create a Clone' buttons). The main workspace shows a script starting with a **When** trigger set to **7 = 7**. The script consists of the following blocks:

- Set Value R2 M1 to ★ A
- Set Value R2 M2 to ● B
- Set Value R2 M3 to ● C
- Set Value R2 Temp to 0
- Check Once If R2 M1 > R2 M2
 - Set Value R2 Temp to R2 M1
 - Set Value R2 M1 to R2 M2
 - Set Value R2 M2 to R2 Temp
- End
- Check Once If R2 M2 > R2 M3
 - Set Value R2 Temp to R2 M3
 - Set Value R2 M2 to R2 M3
 - Set Value R2 M3 to R2 Temp

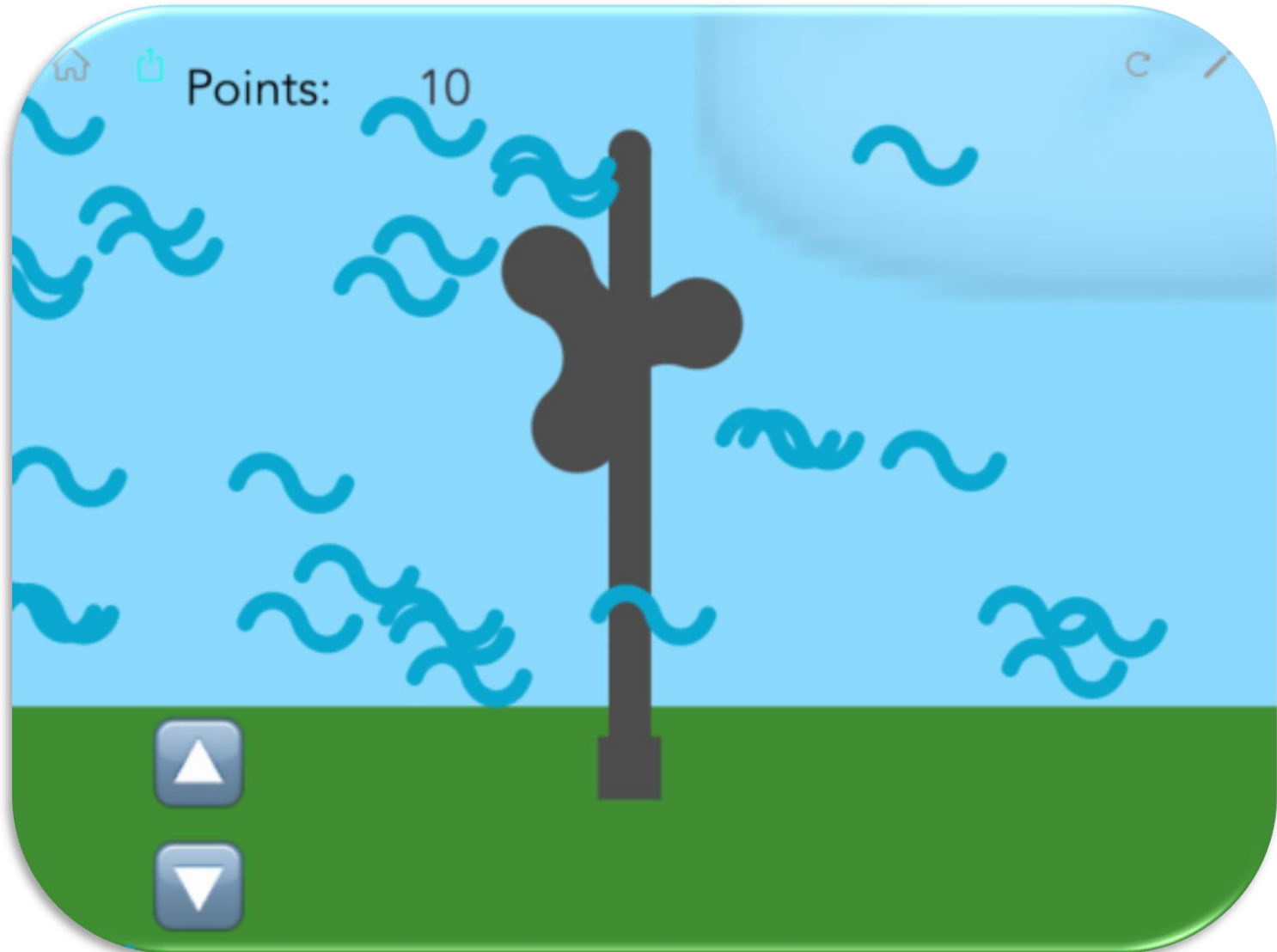
Differentiate Instruction



Vision: passion



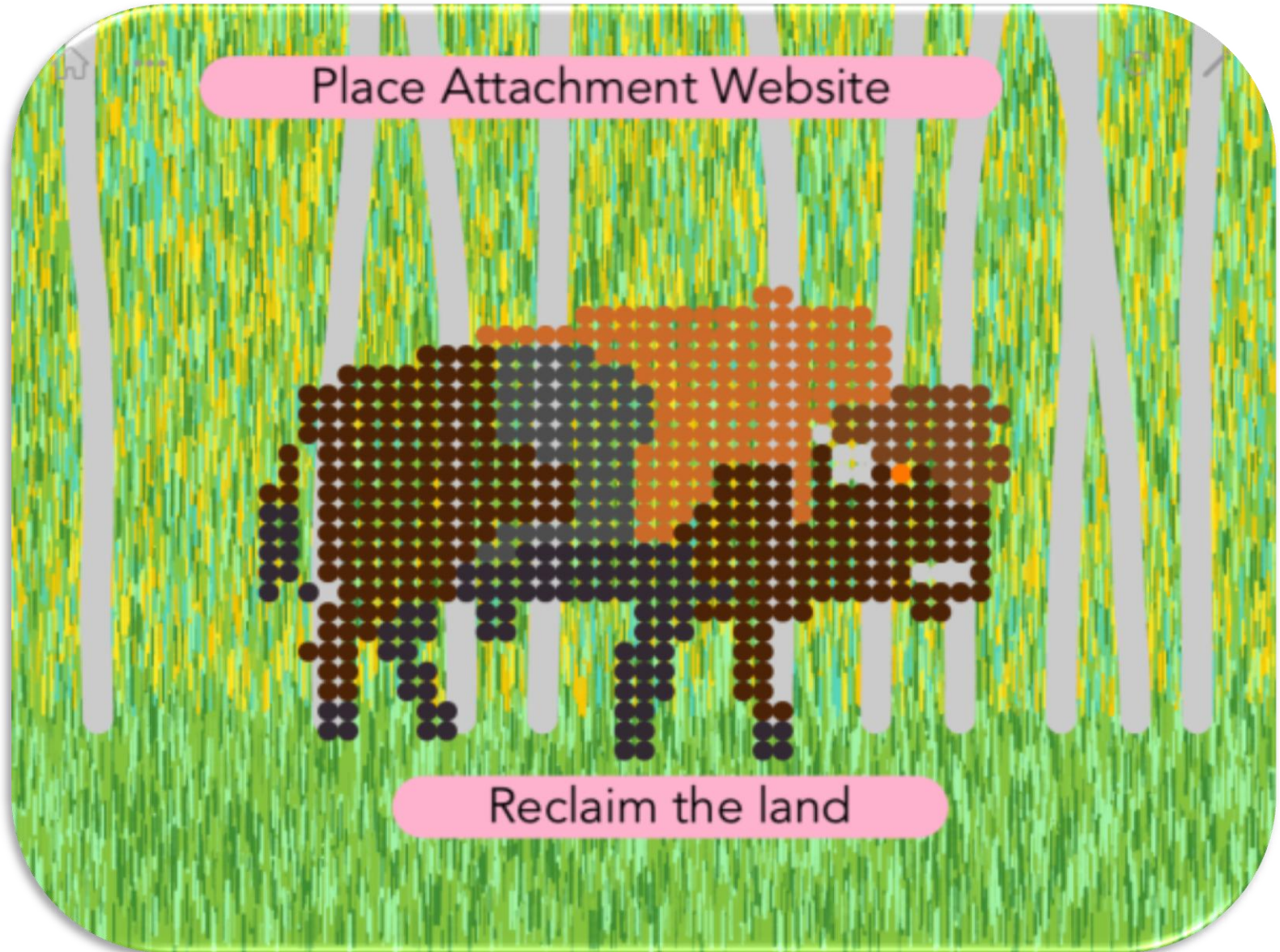
Vision: games



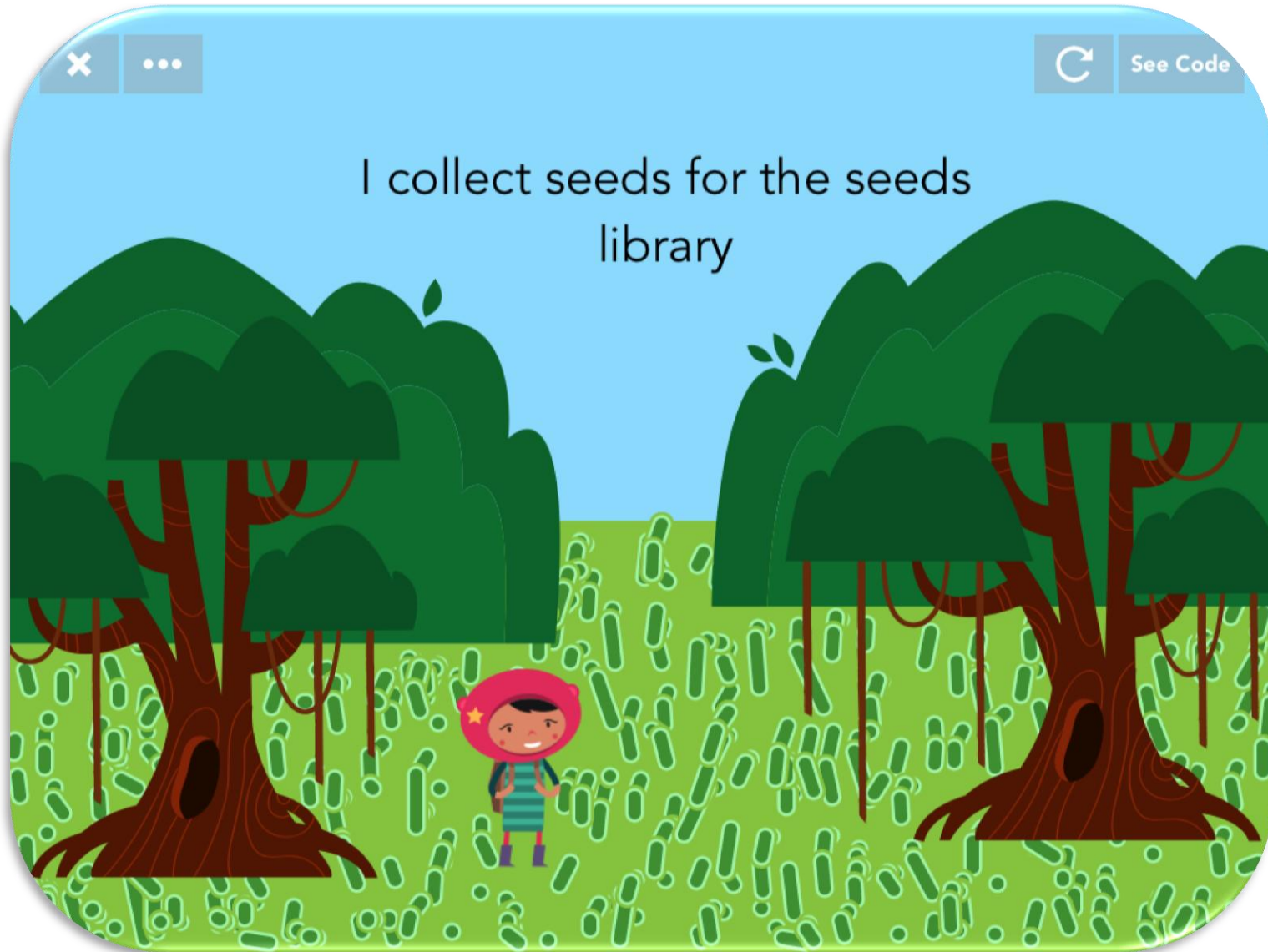
Culture: trial and error



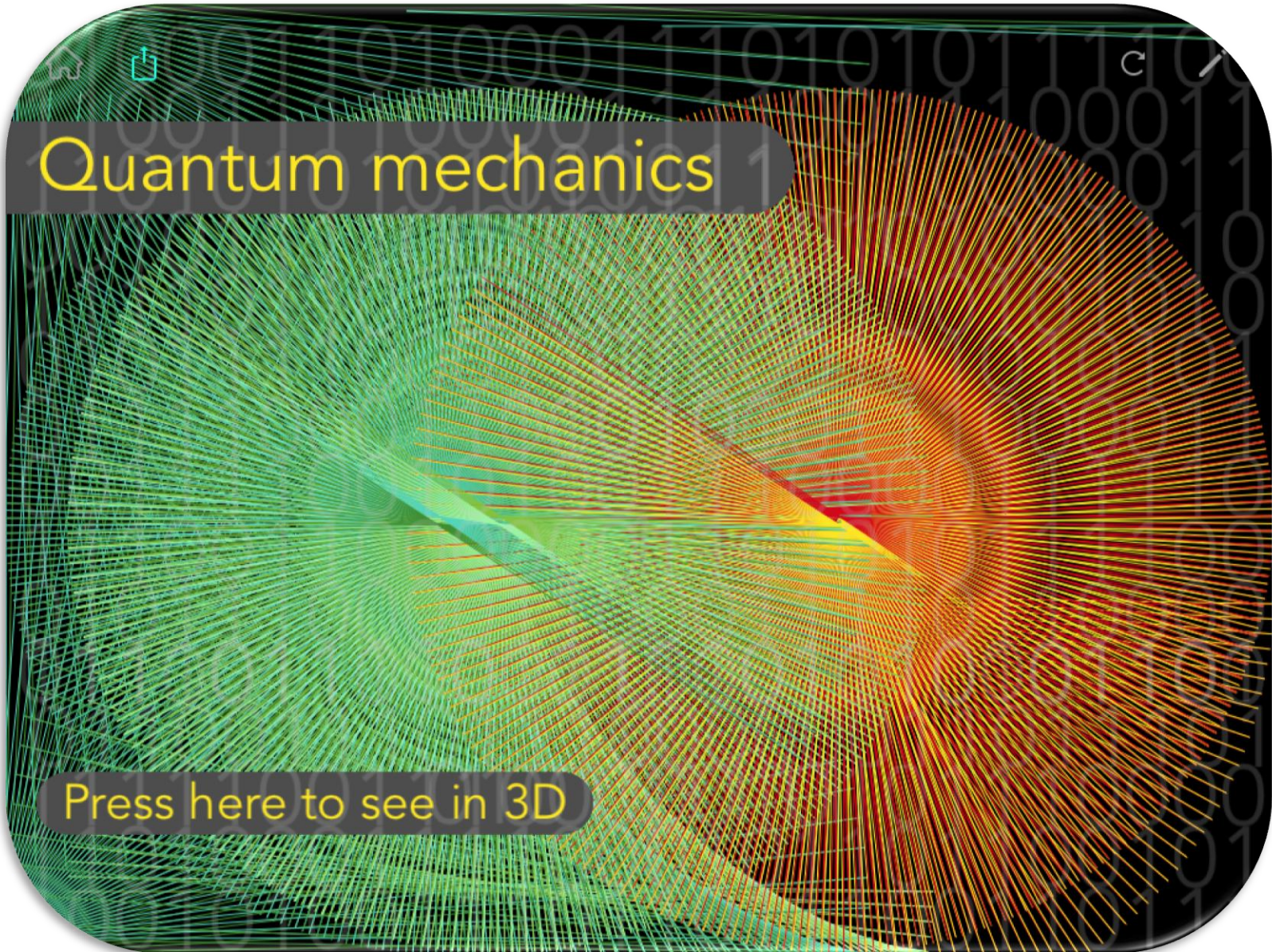
Culture: team work



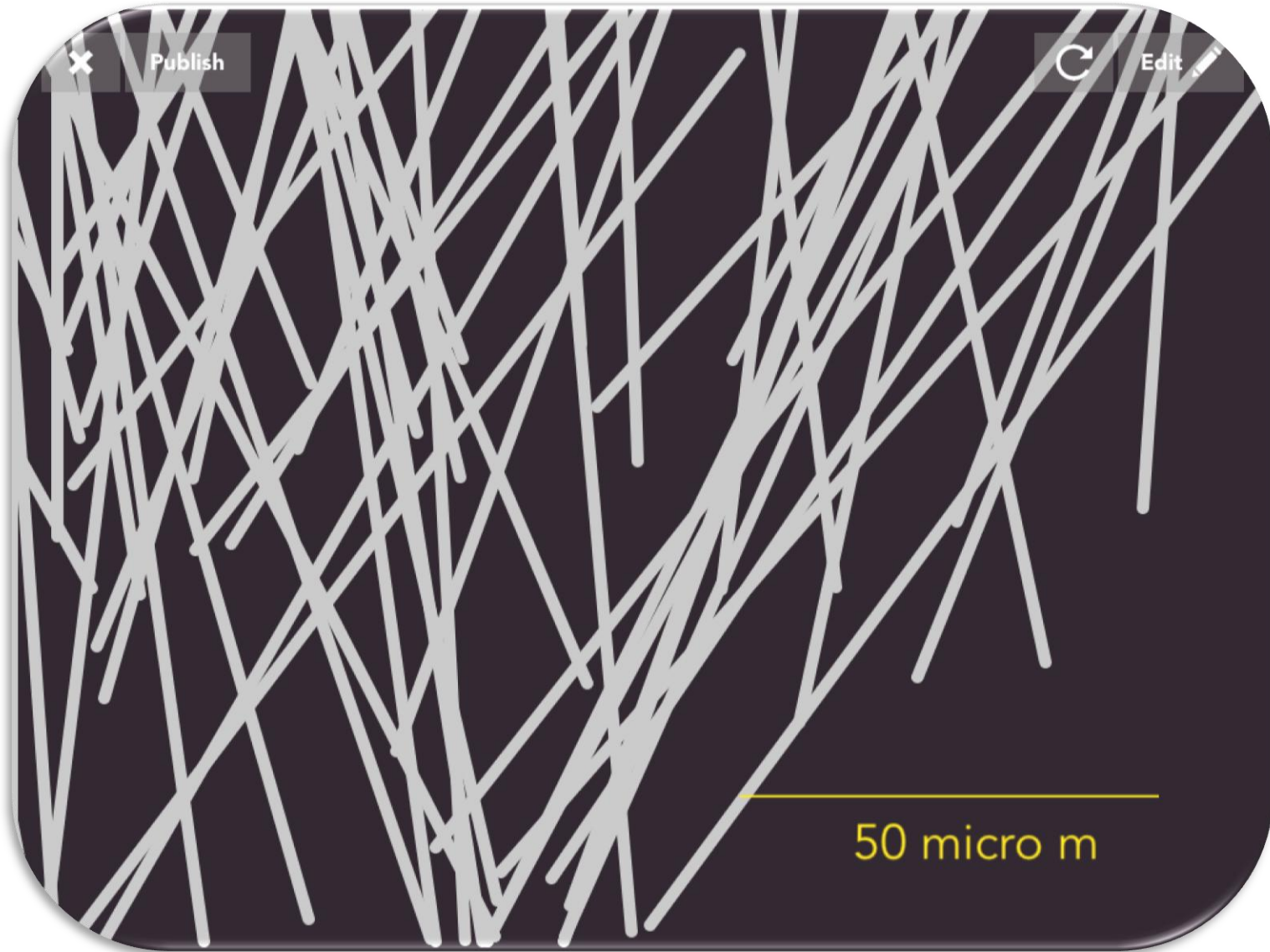
Culture: project-based learning



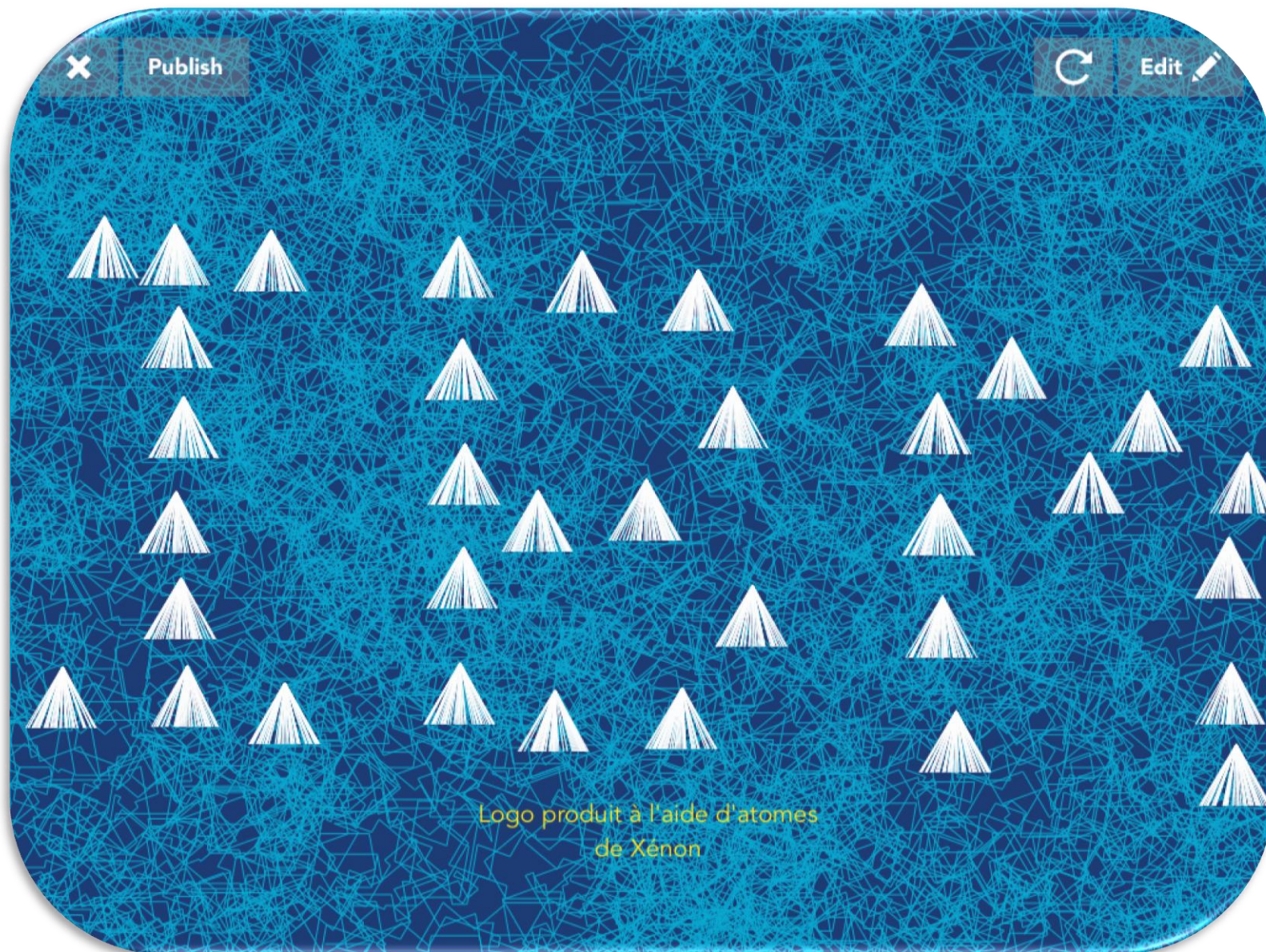
Curious



Learning 24/7



Genius Hour



Culture: study real problems

