

DIGITAL LITTERACY

Exploring Abstraction Function Association Activity

Instructions:

Here is a list of functions used by the micro:bit. For each situation in the table below, identify the associated function. **Note:** not all the functions in this list will be used.

1. While true do
2. Forever
3. Show icons
4. Show string "Hello"
5. On buttons A-B pressed
6. Pick random true or false
7. If-true-then
8. For element value of list, do
9. Value 1 > Value 2

Blink LED for 1 second,
Blink LED for 1 second,
Blink LED for 1 second,
Blink LED for 1 second,
Blink LED for 1 second,
Blink LED for 1 second,
Blink LED for 1 second,

Function: _____

When this statement is right, do this next step. When this statement is wrong, do this other step instead.

Function: _____

Sometimes display the correct variable
Sometimes display the wrong variable
Change it often
Do not display in a pattern

Function: _____

Before doing this step, check the codes.
If *this code* happens, do the next step.
If not, do not do the next step.

Function: _____

Display the letter H, then display the letter E, then display the letter L, then display the letter L, then display the letter O.

Function: _____

Execute the following codes when triggered by the synchronized physical activation of the button A and the button B.

Function: _____