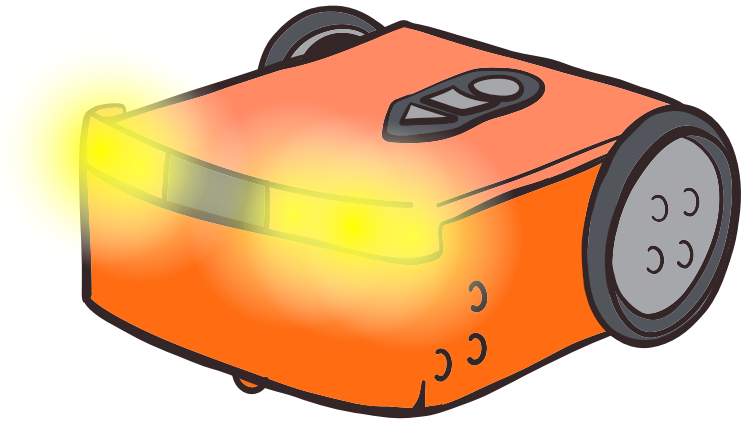
Name _____

Let's use the lights

How can we program Edison to turn on and off the LED lights forever?

By using a loop!

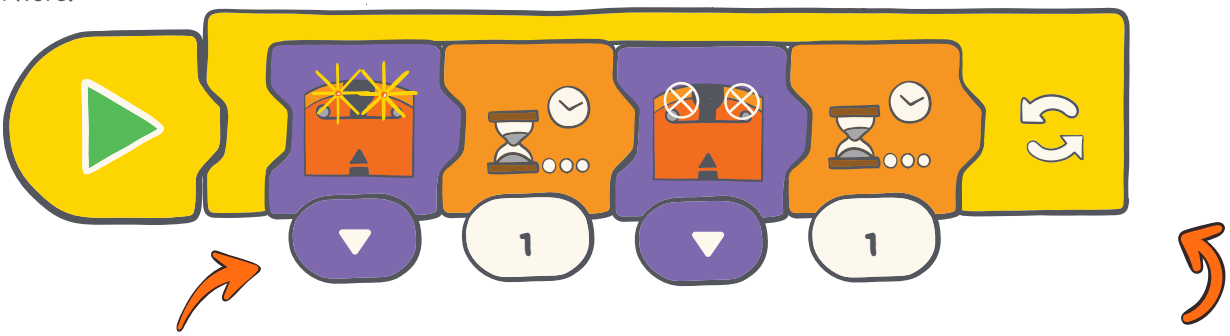


What is a loop?

A loop is a special block in EdBlocks.
We can put a loop around other blocks and the loop will make any blocks inside the loop repeat.

What to do with EdBlocks

Using the EdBlocks app, arrange the blocks to match the program here:



This is the start of the loop.

The program would normally end here, but the loop tells the program to go back to the start.

What to do with Edison

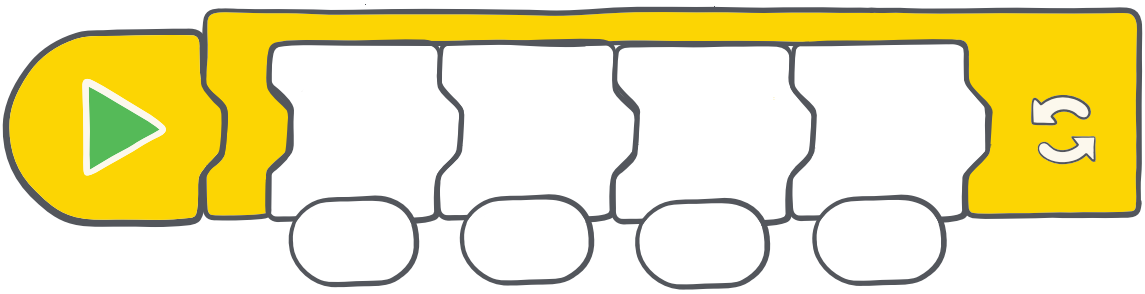
Download the program above to Edison. Be sure to wrap the main program inside the loop block.
Run the program to see what happens.

Find the answer

Why do we use the loop block? _____

What would the program do if there was no loop? _____

In the EdBlocks app, make your own program using the loop block. (Hint: try using drive blocks)
Write down your program here and describe what your program does:



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