

Flowol Challenges

Challenge 1:

Design the algorithm so that it keeps going forever

This will need to use **repetition**

Flowol Challenges

Challenge 2:

Create a more complex flash pattern -
Happisburgh uses 3 flashes every 30 seconds

Use **2 second flashes** with a **1 second delay**
between each flash and a longer delay at the
end

Time your pattern to check it's 30 seconds...

Flowol Challenges

Challenge 3:

Only turn the light on at night (when the sun isn't out)

This needs to use **selection**

The selection block needs to check whether the sun is on (out). You can click on the sun to change whether it's on or off

Flowol Challenges

Challenge 4:

Change the flash pattern to two long flashes followed by three short flashes and then a 15 second gap

A long flash is 3 seconds, a short flash is 1 second