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**Community
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LV50 Learning

All activities and resources have been designed to compliment primary curriculum objectives.

Activity: To control a simple circuit connected to a computer

Lower KS2-Computing

N.C. Objectives

To control a simple circuit connected to a computer:

- I can build a simple circuit to connect a microcontroller to a computer
- I can program a microcontroller to light an LED
- I can explain why I used an infinite loop



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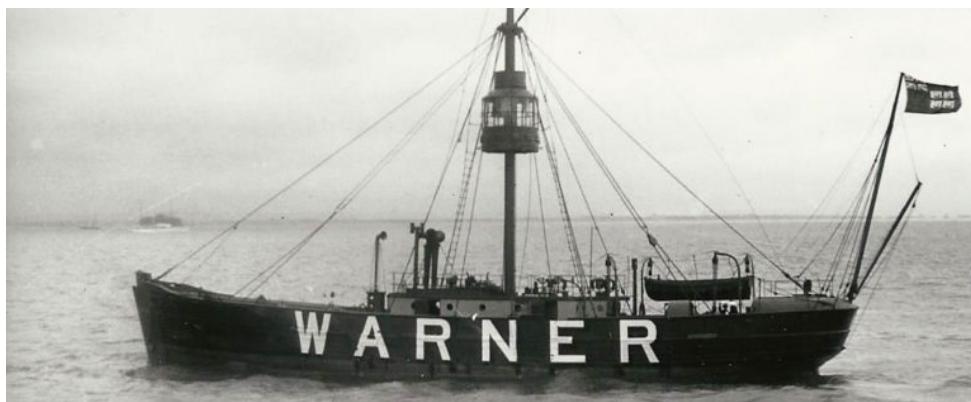
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Activity

Watch the video What is a lightship (R0010061)



- Can you create a simple light sequence for a light ship or lighthouse using the Crumble controller and the sparkles?
- Can you use a forever block or repeat block to make your sequence repeat?
- Can you make your own lighthouse or lightship and add your Crumble controller and sparkles to your model?