**Algorithm support sheet**

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| --- | --- |
| Questions | Your answers |
| What type of sensor are you going to use? | Light | Temperature |
| What will you sensor check? |  |
| How many times do you want your sensor to check?  | Once | Forever |
| What will it do if a change is detected? |  |
| What will it do it a change isn’t detected? |  |

Now use the coloured boxes to help you write your algorithm.

**My algorithm**

Light

Sensor I will use

Forever

If it is dark

Then turn the teddy’s lights on

Else turn the teddy’s light off