

# 11. Cookie jar alarm

Has anyone been in your cookie jar or snooping in your treasure box of precious things? Your BBC micro:bit can help home secret agents keep their things secure...

Put this program on your micro:bit then place inside a box. When you open the lid, an angry face should appear.

You may need to experiment with changing the number 30 depending on how bright your room is.

How would you make sure the angry face stays on when someone shuts the lid?

Could you use variables to count how many times the lid has been opened?

```
forever
  if light level > 30 then
    show icon [angry face]
    start melody [baddy] repeating [once]
  else
    clear screen
```

