

PREDICT ANSWERS

Any answer that suggests an alarm clock triggered by how much light there is.
(1 mark)

If they explain that the LED and sound are started if the light is high or greater than 70
(1 mark)

No marks if they just write out the code or planning algorithm

INVESTIGATE ANSWERS

A, If the light is greater than 70 what will happen?

Show the sun/show LED
(1 mark)

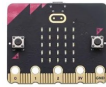
Play melody (1 mark)

B, If the light is 70 or less than 70 what will happen?

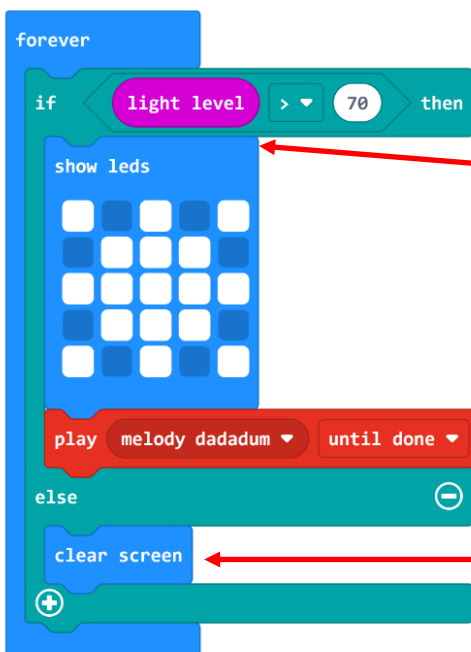
Clear the screen (1 mark)

C, How many times will it check the amount of light?
(once, 10 times, many times)
(1 mark)

PRIMM



MODIFY ANSWERS



A. Change the sound to play before the LED sun lights up on the screen
Draw an arrow to show where you put this.
(1 mark)

B. Add an LED screen effect to show ZZZs when the light is the same as or less than 70. Draw an arrow to show where you put this.
(1 mark)