

Knowledge Organizer: Sphero

Year 5/6

<https://edu.sphero.com/cwists/preview/67297x>

<https://edu.sphero.com/cwists/preview/67305x>

<https://edu.sphero.com/cwists/preview/67308x>



Vocabulary

Operator, over flow, refractor

Key knowledge

- Know how to use the orientation sensor
- Know how to use the light sensor

Skills

- I can use BOLT's orientation sensor to control program execution.
- I can create a program using a nested if else control blocks structure to check for multiple conditions.
- I can use BOLT's light sensor to control program execution.
- I can program a function with a parameter to organize my code.
- I can create code from pseudocode.
- I can define and use variables, conditionals, loops, random within bounds, and data types.