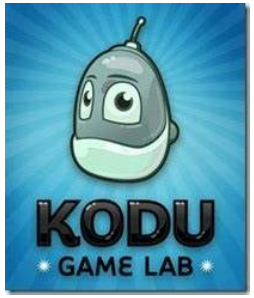
Year 6—Coding and programming
Using Kodu

⇒ **Know** that devices can be controlled through direct instructions or from sensing equipment.

⇒ **Know** that control programs can be written to respond to circumstances flexibly.

⇒ **Know** that digital games and simulations are written using a programming language.

Apps used in this unit



Wonder

Enjoyment

Love of Language

Belonging

Empathy

Courage

Kindness

Previous learning

Year 5 Coding

- **Know** that control systems have a number of distinct components that combine to work effectively.
- **Know** that digital games and simulations are written using a programming language.

Kodu examples

Why is coding and programming important?

Key Vocabulary	
Algorithm	A process or set of rules to be followed in calculations or other problem-solving operations.
Instructions	A direction or order
Commands	A direction or order
Variable	Something that is likely to vary or change.
Coding	The process or activity of writing computer programs.
Programming	The process or activity of writing computer programs.
Debug	Identify and remove errors from computer hardware or software.
Procedure	Where you create a new command by programming an algorithm to be associated with a new command.