



# Knowledge Organisers - Block Coding

## Block Coding

**Block Coding** is a way of programming where computer commands are grouped together in blocks. The blocks can be dragged and dropped into place to create a computer program.

**Your blocks**  
You can **change** and **set** different values using variables.

Change command      Set command

Variable name      Variable value

You will write code to say **when** to set or change the variable. This could happen:

As the result of an **input**, like a click event      When a certain **condition** is met, like a hit event

### Block Code - Code blocks colour key.



## Vocabulary

**Action** - Something that an object does - such as move or hide.

**Algorithm** - The set of steps to solve a problem.

**Condition** - A condition is a thing that decides if it is true or false.

**Debug** - Correcting mistakes in computer code.

**Execute** - To make a program follow its instructions.

**Loop** - a repeating set of instructions

**Sequence** - To place a programming instructions in order, each executed one after the other.

**Variable** - an object used to store a simple piece of information such as a score.