

### SCRATCH BLOCKS

colour coded for different commands

Motion

Looks

Sounds

Control

Event

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Sensing

Pen

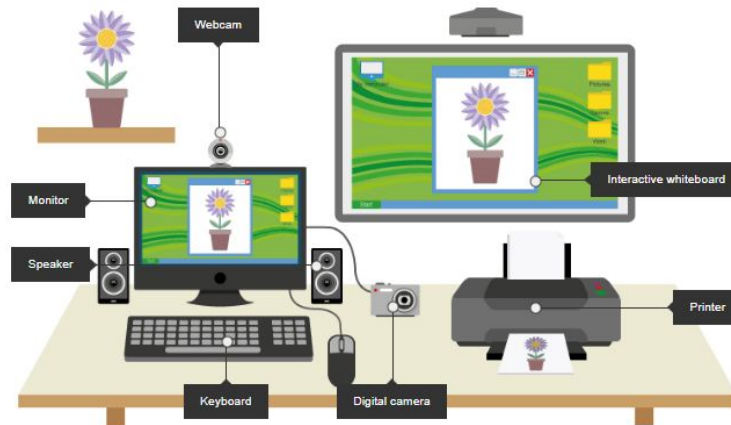
Operators

Data

More

## VOCABULARY

<b>coding</b>	the process of creating or debugging algorithms to create animations, programmes and games
<b>algorithm</b>	a logical sequence of instructions in computing code
<b>variable</b>	a value that can be changed (size, direction, speed, score)
<b>loop</b>	a sequence of instructions that is continually repeated until a certain condition is reached
<b>repeat</b>	an instruction within the algorithm to loop it
<b>debug</b>	analyse and correct an algorithm that is not working correctly
<b>input</b>	information (data) a computer receives
<b>output</b>	information (data) a computer sends out



An input device is something you connect to a computer that **sends information into** the computer. An output device is something you connect to a computer that **has information sent to it**.

## VARIABLE

<https://www.youtube.com/watch?v=xPIGz7WPYH4&feature=youtu.be>

These are used in 'real life' to change font size on a Kindle or track the stock in a shop..