

# Knowledge Organiser- Computer Science Y1

## Key Vocabulary

**Algorithm**- a series of **instructions, commands** or rules

**Device**- a piece of equipment made for a special purpose

**Outcome**- the result of a trial

**Program**- to give (a computer) a set of instructions

**Technology**- the use of knowledge to invent new devices or tools

**Predict**- to say that something is going to happen

**Sequence**- a series of events which must be performed in a certain order

**Debugging**- is the process of finding (and correcting) errors in a computer program.

**Vocabulary of algorithms**: turn, left, right, forwards, backwards

## Key Learning

- I know that an **algorithm** is a set of instructions.
- I understand that some devices are controlled by programming a set of instructions (algorithms).
- I can create algorithms (using language such as forwards, backwards, turn) to control devices.
- I understand the importance of the sequence (order) of algorithms.
- I have explored the use of technologies beyond school.

## Software, Hardware & Web Resources

