

Computing - Coding

Please help your child with their learning by going through this fact sheet with them. They will be quizzed on this at the end of half term. We appreciate your support.

An algorithm is a sequenced order of instructions.

A 'condition' is a block of code that will only run if an event is true or false.

Loops can be used to save time and reduce errors.

If you have problem with your code, you need to debug it.

A variable is something that can be edited.

A loop is used for telling a computer to repeat instructions.

Code is a set of instructions written in programming language.

Scratch is the name of a coding programme.

When we join blocks together in Scratch, we create an algorithm.

Decomposition in coding means breaking something into smaller steps.



Key Vocabulary

- ⇒ **Algorithm** - a sequenced order of instructions.
- ⇒ **Code** - a set of instructions written in programming language.
- ⇒ **Sequence** - a pattern where one thing follows another; the order.
- ⇒ **Debug** - the process of finding and correcting errors in a computer programme.
- ⇒ **Block** - puzzle-shaped pieces that are used to create code in Scratch.