Algorithms

Learning

- To understand that algorithms are precise instructions that can be followed
- To follow a simple algorithm
- To devise a simple algorithm
- To understand that programs execute by following precise and unambiguous instructions
- To plan, test and debug a simple algorithm
- To make predictions about an outcome based on a simple algorithm
- To understand conditions and outcomes
- To understand that some statements can only be true or false

Key Vocabulary

algorithm	Precise instructions that achieve a task
instruction	How something should be done
sequence	A particular order to follow
program	Instructions written in a language (code) computers can understand
debug	Fix a problem in a program
repeat	Do something again
true	A fact or real
false	Not true

Algorithms

Key Questions

What is an algorithm?		A set of instructions that are followed to achieve a task
How do we give computers instructions?		In 'code'. Instructions given in a language computers can understand
What does debug mean?		Fixing problems in computer programs