

L.O. begin to understand and use algorithms

Know what an algorithm is

Create an algorithm

Use an algorithm

What are algorithms?

An algorithm is a precise sequence of instructions, or set of rules, for performing a task.

Designing algorithms involves making steps or rules.

Sequencing algorithms give a sequence of instructions for performing a task.

Rule based algorithms give a set of rules for performing the task successfully.



A sequence of instructions for how to make toast.

Multiply by 10 and the number will move one place to the left

Thousands	Hundreds	Tens	Units
		8	5

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A set of rules, or algorithm, for multiplying by 10.

Algorithms are written for a human, rather than for a computer to understand.

So, algorithms are different from programs.

Almost any task that you do can be broken down into an algorithm.



A set of instructions for how to plant a seed. A storyboard is a sequence of instructions for writing a story.

