

Computing Science – Computational Thinking

1. Go to this website:-

<https://www.bbc.co.uk/bitesize/articles/z4n7mfr>

2. Read the information and watch the 2 videos - Algorithms and Decomposition.

Algorithms

Watch this film to find out more about algorithms.

An algorithm is a clear sequence of instructions with a start, a finish, and usually some decisions in the middle.



A teenage programmer creates an algorithm to teach her computer a dance routine.

Decomposition

In this film we see how a task like 'Shopping for groceries' can seem simple to us.

But it is a task that can be broken down into smaller steps using decomposition.



Shopping for groceries is broken down into simple steps using decomposition.

3. You should then complete Activity 1.

Practise

Activity 1

Take the [Bitesize Computational Thinking test](#) to check how much you have learned.

