

Quick guide to computational thinking

What is computational thinking and why is it important for your children to learn?

Although it can seem a little 'technical', computational thinking is actually about learning to solve problems, with or without a computer. Developing children's computational thinking is central to the computing curriculum at primary school and beyond, but it can also be applied across everyday life and indeed, all their other subjects, including maths, science, literacy and even PE. Our home learning activities can help introduce these concepts in a fun and easy way.

There are six separate computational thinking concepts: Algorithms, Decomposition, Abstraction, Pattern, Evaluation and Logic. If that all feels a bit daunting, read on as we explain each concept using examples all of us can relate to.

