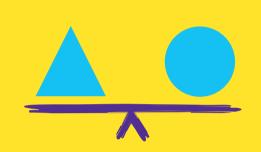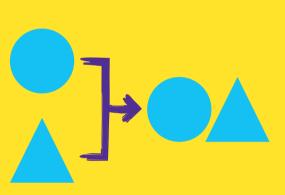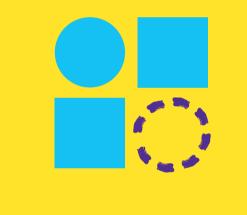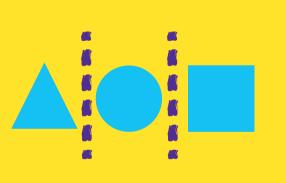# The Computational Thinkers

Concepts

Logic
Predicting and analysing

Evaluation
Making judgements

Algorithms
Making steps and rules

Patterns
Spotting and using similarities

Decomposition
Breaking down into parts

Abstraction
Removing unnecessary detail

Approaches

Tinkering
Changing things to see what happens

Creating
Designing and making

Debugging
Finding and fixing errors

Persevering
Keeping going

Collaborating
Working together

We're all computational thinkers here!

When you think about it, whether we're parents, pupils or teachers – we're all natural computer scientists, capable of computational thinking.

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Principal partners

BT

Computing at School

Barefoot