

The Computational Thinker: Concepts & Approaches

Concepts

Logic
predicting & analysing

Algorithms
making steps & rules

Decomposition
breaking down into parts

Patterns
spotting & using similarities

Abstraction
removing unnecessary
detail

Evaluation
making judgement



Tinkering
experimenting & playing

Creating
designing & making

Debugging
finding & fixing
errors

Persevering
keeping going

Collaborating
working together

Approaches