Digital Technologies in focus project - Computational Thinking Cards

ABSTRACTION
Remove unnecessary detail and focus on important aspects of structure or data

ALGORITHMS
Create a series of ordered steps that solve a class of problem

DECOMPOSITION
Break problems into parts

GENERALISATION
Recognise patterns in solutions and extend to new situations

PATTERN RECOGNITION
Analyse the data and look for patterns that make sense of the data or problem

MODELS AND SIMULATIONS
Create and apply models or simulations that represent situations