Digital Technologies in focus project - Computational Thinking Cards

ABSTRACTION
Remove unnecessary details and focus on the important data

ALGORITHMS
Create a series of ordered steps taken to solve a problem

DECOMPOSITION
Break problems into parts

EVALUATION
Determine effectiveness of a solution, generalise and apply to new problems

PATTERN RECOGNITION
Analyse the data, look for patterns to make sense of the data

MODELLING and SIMULATION
Create models or simulations to represent processes

Digital Technologies in Focus Project - Computational Thinking Cards

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0 By

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0

COMPUTATIONAL THINKING

Note: Data is part of every step in Computational Thinking

Developed by ACARA Digital Technologies in focus project
Australian Government Department of Education CC BY 4.0