Computational Thinking in Action

Teacher guide

Each resource is designed to help students develop essential skills in teamwork, critical and creative thinking, problem-solving, and computational thinking.

Getting started:

Each activity is intended to be used alongside:

- The *Definitions of Computational Thinking Skills* information handout, which introduces key terms and concepts.

- A *Thinking about Computational Thinking* worksheet, must be completed after each computational thinking activity to guide discussions, serve as a reflection tool, or act as a foundation for creating extensions or new projects.

Using the *Thinking about Computational Thinking* worksheet:

This specific worksheet encourages students to consider their experiences and recognise the computational thinking skills they applied. It can help them compare approaches, share problem-solving strategies with classmates, and explore additional ways to tackle similar challenges.

Computational thinking student activities:

These worksheets are designed for print use. Please refer to the Australian Curriculum map for alignment details. They are suitable for students in Years 5-8.

We hope you and your students enjoy engaging with these resources to strengthen and explore computational thinking in fun and meaningful ways!