Computational thinking

Objectives

- Explain what is computational thinking
- Get to know how the theory of computational thinking can be used in teaching
- Short exercise

Instructor note

- Teaching: 20 min
- Exercises: 10 min

Materials available as slides.

Keypoints

- Computational Thinking consists of 4 main parts: decomposition, pattern recognition, abstraction and algorithmic design.
- How can this be a useful framework for solving problems?
- How can this be used practically?