

CONCEPTS

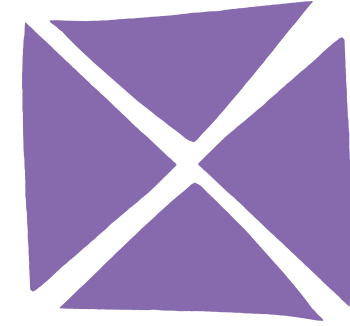
PRACTICES



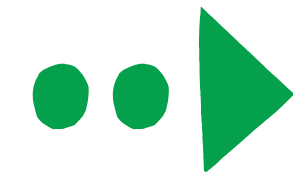
Data



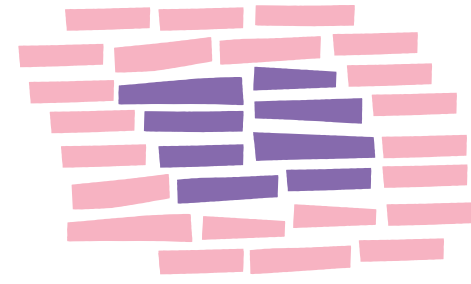
Automation



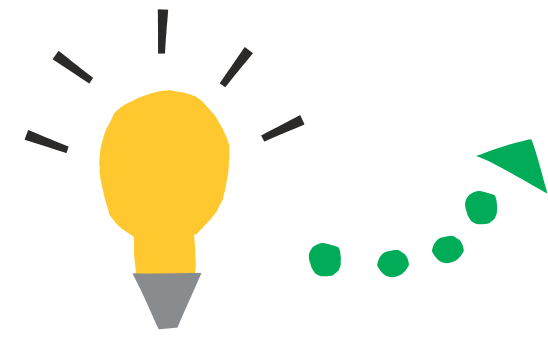
Systems thinking



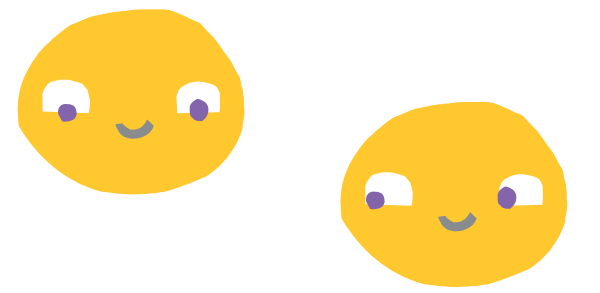
Persistence



Pattern recognition



Tinkering

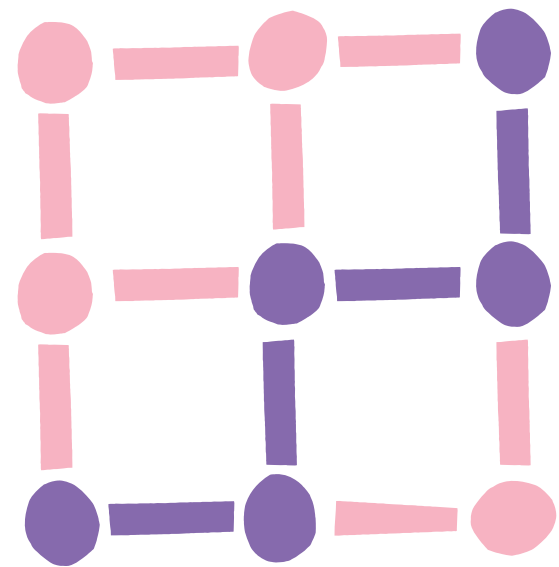


Collaboration



Logical & critical thinking

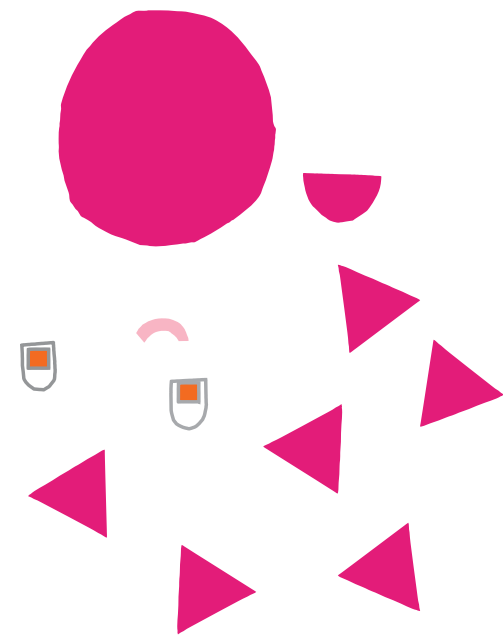
Computational thinking



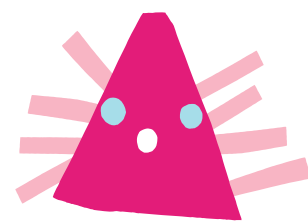
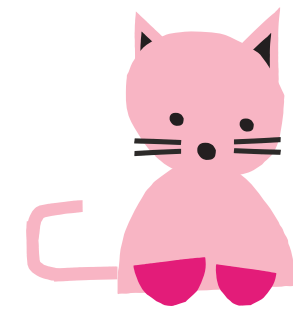
Algorithms



Decomposition



Abstraction



Debugging



Creativity

Computational thinking

Thinking about problems in a way that allows computers to solve them. Computational thinking is something people do, not computers. It includes logical thinking and the ability to recognise patterns, think with algorithms, decompose a problem, and abstract a problem.