Connecting Computational Thinking and Connected Learning

Interests

Relationships

Opportunities

Connected Learning
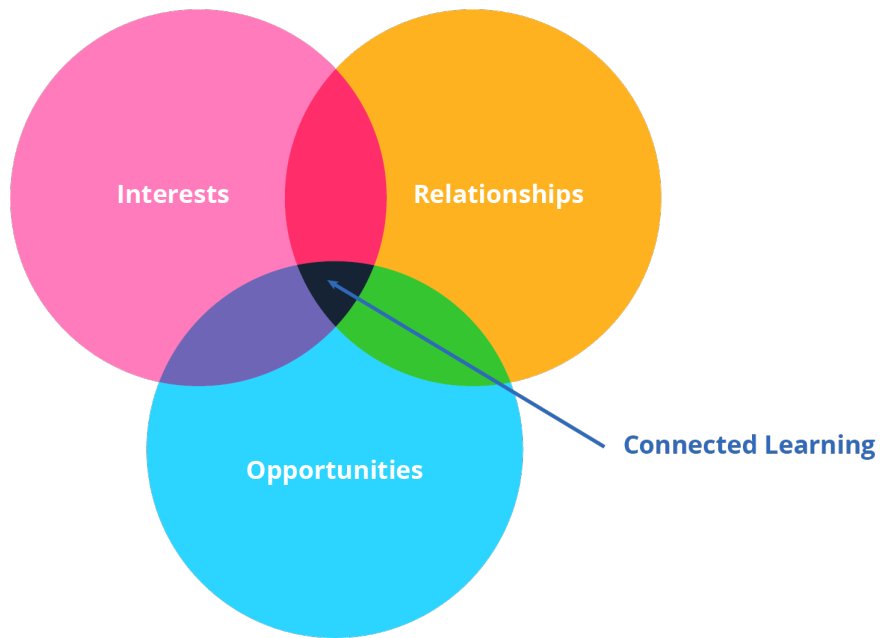
The Computational Thinkers

concepts

Logic — Predicting & analysing

Evaluation — Making judgements

Algorithms — Making steps & rules

Patterns — Spotting & using similarities

Decomposition — Breaking down into parts

Abstraction — Removing unnecessary detail

approaches

Tinkering — Changing things to see what happens

Creating — Designing & making

Debugging — Finding & fixing errors

Persevering — Keeping going

Collaborating — Working together

We're all computational thinkers here!

When you think about it, whether we're parents, pupils or teachers – we're all natural computer scientists, capable of computational thinking.

Our brains, like computers, process, debug and make simple algorithms every day!

CAS Barefoot

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