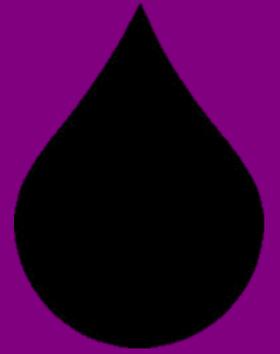# Confident with complexity

I can break
complex problems into
parts (decomposition)

I can concentrate on the most important part of a problem

I can discover the most important parts of a problem (abstraction)

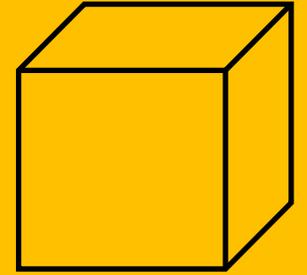I can explain how I used decomposition and abstraction to cope with complex problems

Persistent

problem solver

I can persevere when solving difficult problems even if the solution is not obvious

I learn from setbacks and don't let them put me off from solving difficult problems

I can describe how I overcame problems to arrive at a solution

Tolerant of ambiguity

I recognise that there is often more than one way to solve a problem

I recognise that there is often more than one way to describe a problem

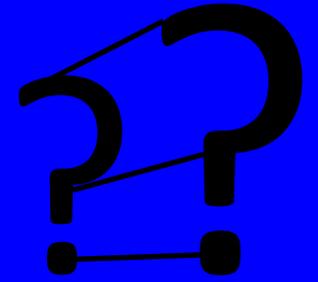I can explain how I managed ambiguity in a project

Confident

with open ended

problems

I look for a range of solutions to the same problem

I am not happy just accepting the first solution

I can describe how a project could be extended

Adapter of solutions to solve new problems

I can adapt existing ideas to solve new problems

I can identify patterns in problems and solutions

I can explain how I adapted a solution to solve a different problem

Communicator & Team Builder

I can contribute useful ideas to a partner or group

I can encourage others to share their ideas

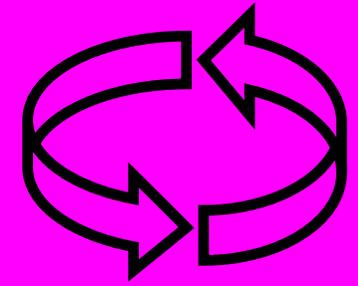I can lead by using all the people talent in my group

Evaluator

I can evaluate my solutions against set criteria

I can design criteria to evaluate my creations

I can explain how evaluation helped me improve a project

Iterative experimenter & debugger

I can develop, debug and test more than once until a product is refined

I repeatedly experiment through making, testing & debugging

I can explain how using the iterative cycle improves my work