



computational thinking

is logical reasoning through the use of: Tinkering, Creating, Debugging, Persevering and Collaborating using the techniques of:

Reflecting: Making judgements • value-free • criteria • specifications • heuristics • user needs

Coding: Translating design into code • checking • debugging • testing • tracing

Designing: Creating • appearance • functionality • flowcharts • storyboards • pseudo-code • systems diagrams

Analysing: Breaking down • component parts • reducing • complexity

Applying: Identifying and exploiting patterns • similarities • connections • structure • function