# Substantive and Disciplinary Knowledge In Computing

**Substantive knowledge**

**Computer Science** - The technical design. The design of new software, the solution to computing problems and the development of different ways to use technology.

**Information Technology** - The technical knowledge. The design, use and understanding of hardware and software; computers and electronic systems for storing and using information.

**Digital Literacy** - The technical skills. The ability to use information and communication technologies to find, create, evaluate, and communicate information.

**Disciplinary knowledge**

**Code** - Using and writing codes to produce instructions and algorithms; to solve problems; to test and use logic and sequences against inputs and outputs.

**Connect** - Being able to safely, efficiently and confidently digitally connect with others.

**Communicate** - Being able to safely, efficiently and confidently use apps and information technology to communicate ideas.

**Collect** - Being able to safely, efficiently and confidently find, evaluate, store, sort and use appropriate data.