Computing Skills Ladder

Pathfinders 1 / Pathfinders 2

C1 Recognise and understand that algorithms are implemented as programs on digital devices, executing by following precise and unambiguous instructions

C2 Create and debug simple programs

C3 Use logical reasoning to predict the behaviour of simple programs

Adventurers 1 & 2 / Navigators 1 & 2

C4 Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems

C5 Solve problems by decomposing them into smaller parts

C6 Use sequence, selection, and repetition in programs

C7 Work with variables and various forms of input and output

C8 Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

C9 Understand computer networks including the internet, recognising how they can provide multiple services, such as the world-wide web

Science and Technology