

Computing Topic Overview

Year 1

Computing systems and networks: Improving mouse skills

Programming 1: Algorithms unplugged

Skills showcase: Rocket to the moon

Programming 2: Bee-Bot

Creating media: Digital imagery

Data handling: Introduction to data

Online safety: Year 1

Year 2

Computing systems and networks 1: What is a computer?

Programming 1: Algorithms and debugging

Computing systems and networks 2: Word processing

Programming 2: ScratchJr

Creating media: Stop motion

Data handling: International Space Station

Online safety: Year 2

Year 3

Computing systems and networks 1: Networks and the internet

Programming: Scratch

Computing systems and networks 2: Emailing

Computing systems and networks 3: Journey inside a computer

Creating media: Video trailers (Previously called 'Digital literacy')

Data handling: Comparison cards databases

Online safety: Year 3

Year 4

Computing systems and networks: Collaborative learning

Programming 1: Further coding with Scratch

Creating media: Website design

Skills showcase: HTML

Programming 2: Computational thinking

Data handling: Investigating weather

Online safety: Year 4

Year 5

Computing systems and networks:

Search engines

Programming 1: Music

Data handling: Mars Rover 1

Programming 2: Micro:bit

Creating media: Stop motion animation

Skills showcase: Mars Rover 2

Online safety: Year 5

Year 6

Computing systems and networks: Bletchley Park

Programming: Intro to Python

Data handling 1: Big Data 1

Creating media: History of computers (Previously called 'Bletchley Park 2')

Data handling 2: Big Data 2

Skills showcase: Inventing a product

Online safety: Year 6