

Computing (Year 7)

Curriculum Map 2026 - 2027



**Assessment
Portfolio of Sound
Editing**

**Sound Editing and
Digital Audio**

**Micro:bit
Assessment -
Knowledge and
Understanding**

**Developing
Programming
with a Micro:bit**

Year 7 Term 3

Key Concepts:

Properties of analogue and digital sound; how computers store sound files; file compression; Editing and creating digital sound files.

MP3

WAV

Year 7 Term 3

Key Concepts:

Recap programming concepts from scratch unit; using programming concepts; physical computing - using inputs and outputs.

**Understanding
Computers**

**Assessment of
Understanding
Computers -
Knowledge and
Understanding**

**Understanding
Graphics and
Using Graphics
Editing Software**

**Graphics
Assessment - Skills,
Knowledge and
Understanding**

VECTOR

BITMAP

Year 7 Term 2

Year 7 Term 2

Key Concepts:

Input, output and storage devices; Fetch, decode, execute cycle; Optical storage and further developments; Binary to Denary conversions.

Key Concepts:

Vector and Bitmap graphics properties; how computers store graphics; Editing and creating graphics.

**Scratch
Assessment - Skills,
Knowledge and
Understanding**

**Introduction to
Programming
using Scratch**

**Assessment of
UCSER Knowledge
& Understanding**

**Using Computers
Safely, Effectively
& Responsibly**

**Rules of the
Computer Room**

Year 7 Term 1

Key Concepts:

Algorithms, Decomposition, introduction of basic programming concepts - strings, variables, data types and structures, selection and iteration.

Year 7 Term 1

Key Concepts:

Sensible use of, Risks and dangers of social media, Security of personal data and safe gaming.

