



Curriculum Implementation

Computing and Information Technology

Key Stage 3

Key Concepts Taught



- Analytical and computational thinking.
- Problem solving.
- Evaluation and application of information technology.
- Digital literacy.

How You Receive Feedback



- Quality written feedback at least once every half term through Google Classroom.
- Success criteria are highlighted and targets set.
- Peer assessment and self-assessment.

How do Lessons Link to Key Concepts



- Lessons throughout Key Stage 3 focus on the key concepts, themed around motivating modules which each last for a half term.
- Each module will focus on one of computing, information technology or digital literacy, though elements of all topics are likely to be included in each module.
- Focus topics change each module to maximise engagement and progress.





**How we get
Support with our
Lessons**



- Teacher-led demonstrations.
- Clear instructions broken into small steps to follow.
- Modelling and scaffolding.
- Working with peers.

**Retrieval Practice
Opportunities /
Supporting Ways
to Help us
Remember**



- Regular on-screen whole-class quiz games.
- Topic tests.
- Think, pair, share.
- Knowledge organisers.

**Opportunities for
Literacy**



- Students develop literacy skills through the following of tutorials and demonstrations, applying their understanding to practical problem solving.

**Opportunities for
Numeracy**



- Strong elements of logical thinking and application of key mathematical skills throughout computing tasks.
- Students develop data management and analysis skills in IT-centred lessons, notably through work on spreadsheets and databases.





Opportunities for Oracy



- Frequent discussions – whole class, pair work.
- Students encouraged to have an opinion and share ideas.
- Students to lead instruction of whole class or small groups on practical tasks.

Opportunities for Character Education



- Working as part of a team and listening to each other's views.
- Deciding outcomes in groups and pairs.
- Resilience – not giving up.

Opportunities for SMSC



- Digital literacy provides opportunities for students to develop understanding in areas including:
 - Online safety
 - Digital citizenship
 - Digital footprints
 - Cyber crime

Opportunities for Assessing Learning



- Linking learning what we did last lesson, this lesson and next lesson.
- Plenaries to reflect on learning.
- Quizzes and puzzles.
- Half termly formal assessments.
- End of year examinations.

