ICT / COMPUTING LEARNING JOURNEY 2026-2027

KS3 ICT / Computing - YEAR 1

START

KEY SKILLS

- Digital Literacy
- Problem Solving
- Computational Thinking
- Programming
- Algorithms
- Creativity
- Communication
- Research
- Data Handling
- Online Safety
- Independence
- Evaluation

TERM 1 - ONLINE SAFETY			
Digital Footprint	Passwords & Privacy	Cyberbullying	Online Risks

TERM 2 - KODU			
Programming Basics	Algorithms & Sequence	Create a Game	Test & Debug

TERM 3 - COMIC STRIPS			
Plan a Story	Characters & Images	Text & Layout	Edit & Evaluate

TERM 4 - WHAT ARE COMPUTERS?			
Hardware & Software	Input / Output	Computer Components	How Computers Work

TERM 5 - MAGAZINE COVERS			
Purpose & Audience	Images & Text	Fonts & Layout	Final Design

TERM 6 - INDIVIDUAL PROJECT			
Plan	Create	Develop	Evaluate

ICT ASSESSMENT

- Baseline assessment
- Practical activities
- Digital projects
- Programming tasks
- Written work & research
- Questioning & retrieval
- Teacher observation
- Self-evaluation

PROGRESS PATHWAY

- Working Towards
- Emerging
- Launching
- Developing
- Securing
- Mastering

STRANDS

- Algorithms
- Programming & developing
- Data & representation
- Hardware & processing
- Communication & networks
- Information technology

ICT / COMPUTING LEARNING JOURNEY 2026-2027

KS3 ICT / Computing - YEAR 2

START

TERM 1 - ONLINE SAFETY			
Online Identity	Scams & Phishing	Responsible Use	Cybersecurity

TERM 2 - DRONES			
Drone Technology	Algorithms	Plan Movement	Test & Improve

TERM 3 - CINEMA PROJECT			
Plan a Project	Digital Media	Video & Sound	Edit & Evaluate

TERM 4 - MODELLING DATA			
Enter & Organise Data	Formulas	Charts & Graphs	Interpret Data

TERM 5 - MICRO:BITS			
Visual Coding	Inputs & Outputs	Create a Program	Test & Debug

TERM 6 - INDIVIDUAL PROJECT			
Research & Plan	Create	Apply Skills	Present & Evaluate

KEY SKILLS

- **Digital Literacy**
- **Problem Solving**
- **Computational Thinking**
- **Programming**
- **Algorithms**
- **Creativity**
- **Communication**
- **Research**
- **Data Handling**
- **Online Safety**
- **Independence**
- **Evaluation**

ICT ASSESSMENT

- **Baseline assessment**
- **Practical activities**
- **Digital projects**
- **Programming tasks**
- **Written work & research**
- **Questioning & retrieval**
- **Teacher observation**
- **Self-evaluation**

PROGRESS PATHWAY

- **Working Towards**
- **Emerging**
- **Launching**
- **Developing**
- **Securing**
- **Mastering**

STRANDS

- Algorithms
- Programming & developing
- Data & representation
- Hardware & processing
- Communication & networks
- Information technology