



- Recall the key knowledge they have been taught each year.
- Understand computing falls under 3 main content areas: computer science; information technology and digital literacy.
- Understand and apply the concepts of computer science: data representation, algorithms, abstraction, logic, communication and computation.
- Use computational thinking to solve problems in a creative, logical and collaborative way.
- Are responsible, competent and creative users of information and communication technology.
- Have an awareness of how technology is used in the world around them and of the benefits and limitations it has.
- Evaluate and use information technology, including new or unfamiliar technologies, to solve problems.
- Understand how information technology can be used as a tool to communicate knowledge from other areas of the curriculum.
- Critically analyse a wide range of digital information sources to ascertain its credibility.
- Demonstrate respectful and responsible online behaviour and know how to keep themselves and others safe while using technology.

'Safely becoming active participants in the digital world.'



- Recall the key knowledge they have been taught each year.
- Create, edit and store a range of digital content (e.g. sound, photos, videos, text and images).
- Use technology purposefully to complete a task, using precise instructions, whilst debugging basic programs.
- Explain what different parts of a program will do.
- Describe what a search engine is and how to use them safely to find relevant content.
- Understand how to stay safe online and the impact of screen time on health and well-being.

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Digital Citizens...



- Recall knowledge.
- Understand computer science; information technology and digital literacy.
- Understand concepts (e.g. algorithms and abstraction)
- Solve problems.
- Are responsible, competent and creative users of technology.
- Know how technology is used in the world around them.
- Evaluate information technology.
- Use technology to communicate.
- Critically analyse digital information.
- Are safe and responsible online.

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