



COMPUTING (New Curriculum for 2024-25)

	Year 3	Year 4	Year 5	Year 6
AUTUMN	<p>E-Safety How the internet can be used to share beliefs, opinions and facts. What should be done before sharing information online.</p> <p>Computing systems and Networks What a network is. How devices communicate and share information.</p>	<p>E-Safety Searching for information and making a judgement about probable accuracy. Understand some of the methods used to encourage people to buy things online.</p> <p>Computing systems and Networks Learning how to work collaboratively and exploring a range of collaborative tools.</p>	<p>E-Safety Understand how apps can access personal information and how to alter the permissions. Discover ways to overcome bullying.</p> <p>Computing systems and Networks Learning how page rank works and identify inaccurate information.</p>	<p>E-Safety Describe online issues that give us negative feeling and know how to get help. To be aware of strategies that help protect people online.</p> <p>Computing systems and Networks Discovering the history of Bletchley Park, historical figures and the importance of code breaking and password. Designing a computer of the future and creating an audio advert for their designs.</p>
SPRING	<p>E-Safety Identifying the effect that the internet can have on people's feelings. How personal information can be shared on the internet.</p> <p>Programming Scratch – exploring the programme, following the predict → test → review cycle.</p>	<p>E-Safety Explain why lots of people sharing the same opinions and beliefs online do not make those opinions and beliefs true. Explain that technology can be designed to act like or impersonate living things.</p> <p>Creating Media Learning how web pages and sites are created and how to embed media links.</p>	<p>E-Safety To be aware of the positive and negative aspects of online communication. Explain how online information can be used to form judgements.</p> <p>Creating Media Creating animations, storyboard ideas and decomposing a story into small parts before putting together to create the illusion of a moving image.</p>	<p>E-Safety Explore the impact and consequences of sharing online. To know how to create a positive online reputation.</p> <p>Computing systems and Networks Exploring what AI is and how it generates text, images and code. Learning about creating and refining prompts to improve AI responses while also considering the ethical implications of AI and its potential to replace human roles.</p>

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">SUMMER</p>	<p>E-Safety Understanding the rules for social media platforms.</p> <p>Creating Media Developing digital video skills to create trailers with special effects and transitions.</p>	<p>E-Safety Explain how technology can be a distraction and identify when it may be necessary to limit the time spent on it.</p> <p>Data Handling Researching and storing information on spreadsheets and designing a weather station.</p>	<p>E-Safety Understand how technology can affect health and wellbeing.</p> <p>Programming Building on programming and music skills to create different sounds, beats, and melodies which are put to the test with a Battle of the Bands performance!</p>	<p>E-Safety Describe how to capture bullying content as evidence. Manage personal passwords effectively.</p> <p>Programming Use the programming language 'Python' to create designs and art. Learning how to create loops and nested loops to make their code more efficient.</p>