

\*Online safety will also be taught in PSHE lessons but will be referred to on a regular basis.

Cycle A 2023/2024	Year 1/2	Year 3/4	Year 5/6
<b>Autumn term</b>	<p><b><u>Computer Systems and Networks</u></b></p> <p>Improving mouse skills</p> <p>(Condensed unit 3 lessons: 1-3 only)</p> <p><b><u>Programming</u></b></p> <p>Algorithms unplugged</p> <p>(Condensed 4 lessons: 1, 2, 4 and 5 only)</p>	<p><b><u>Computer Systems and Networks</u></b></p> <p><b><u>Emailing</u></b></p> <p><b><u>Programming</u></b></p> <p>Programming Scratch</p> <p>(Condensed 4 lessons: 1, 2, 3 and 5 only)</p>	<p><b><u>Programming</u></b></p> <p><b><u>Micro:bit</u></b></p> <p><b><u>Data Handling</u></b></p> <p>Mars Rover 1</p> <p>(Condensed 3 lessons: 1, 2 and 4)</p>
<b>Spring term</b>	<p><b><u>Skills Showcase</u></b></p> <p><b><u>Rocket to the moon</u></b></p> <p><b><u>Computer Systems and Networks</u></b></p> <p>What is a computer?</p> <p>(Condensed 3 lessons: 1, 2 and 5 only)</p>	<p><b><u>Creating Media</u></b></p> <p>Video Trailers</p> <p>(Condensed 4 lessons: 1-4 only)</p> <p><b><u>Creating Media</u></b></p> <p><b><u>Website design</u></b></p>	<p><b><u>Skills Showcase</u></b></p> <p><b><u>Mars Rover 2</u></b></p> <p><b><u>Computer Systems and Networks</u></b></p> <p>Bletchley Park</p> <p>(Condensed 3 lessons: 1-3)</p>
<b>Summer term</b>	<p><b><u>Programming</u></b></p> <p>Algorithms and debugging</p> <p>(Condensed unit 4 lessons: 1, 2, 4 and 5 only)</p> <p><b><u>Computer Systems and Networks</u></b></p> <p><b><u>Word Processing</u></b></p>	<p><b><u>Programming</u></b></p> <p>Further coding with Scratch</p> <p>(Condensed 3 lessons: 2-4 only)</p> <p><b><u>Programming</u></b></p> <p>Computational thinking</p> <p>(Condensed 4 lessons: 1-4 only)</p>	<p><b><u>Creating Media</u></b></p> <p>History of Computers</p> <p>(Condensed 3 lessons: 3-5)</p> <p><b><u>Skills Showcase</u></b></p> <p><b><u>Inventing a product</u></b></p>

	Compulsory in order to cover skills progression through knowledge and skills		Optional units
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\*Online safety in PSHE lessons but please refer to as and when required

Cycle B 2022-2023	Year 1/2	Year 3/4	Year 5/6
<b>Autumn term</b>	<p><b><u>Programming</u></b></p> <p>Bee-Bots</p> <p>(Condensed 4 lessons: 1, 3, 4 and 5 only)</p> <p><b><u>Creating Media</u></b></p> <p>Digital Imagery</p> <p>(Condensed 3 lessons: 1-3 only)</p>	<p><b><u>Computer Systems and Networks</u></b></p> <p>Networks and the internet</p> <p>(Condensed 3 lessons: 1, 3 and 5 only)</p> <p><b><u>Data Handling</u></b></p> <p><b><u>Comparison Cards</u></b></p>	<p><b><u>Programming</u></b></p> <p>Programming:Music</p> <p>(Condensed 4 lessons: 1-4)</p> <p><b><u>Creating Media</u></b></p> <p>Stop motion animation</p> <p>(Condensed 4 lessons: 1-4)</p>
<b>Spring term</b>	<p><b><u>Data Handling</u></b></p> <p><b><u>Introduction to data</u></b></p> <p><b><u>Programming</u></b></p> <p>Scratch Jr</p> <p>(Condensed unit 4 lessons: 1, 2, 4 and 5 only)</p>	<p><b><u>Computer Systems and Networks</u></b></p> <p>Journey inside a computer</p> <p>(Condensed 3 lessons: 1, 2 and 5 only)</p> <p><b><u>Computer Systems and Networks</u></b></p> <p>Collaborative Learning</p> <p>(Condensed 4 lessons: 1, 3, 4 and 5)</p>	<p><b><u>Computer Systems and Networks</u></b></p> <p>Search Engines</p> <p>(Condensed 4 lessons: 1-4)</p> <p><b><u>Data Handling</u></b></p> <p>Big Data 1</p> <p>(Condensed 4 lessons: 1, 3, 4 and 5)</p>
<b>Summer term</b>	<p><b><u>Creating Media</u></b></p> <p><b><u>Stop-Motion</u></b></p> <p><b><u>Data Handling</u></b></p> <p>International Space Station</p> <p>(Condensed unit 3 lessons: 1, 3 and 5 only)</p>	<p><b><u>Data Handling</u></b></p> <p>Investigating Weather</p> <p>(Condensed 3 lessons: 1, 3, 4 and 5)</p> <p><b><u>Skills Showcase</u></b></p> <p>HTML</p>	<p><b><u>Data Handling</u></b></p> <p><b><u>Big Data 2</u></b></p> <p><b><u>Programming</u></b></p> <p>Introduction to python.</p> <p>(Condensed 4 lessons: 1-4)</p>

Compulsory in order to cover skills progression through knowledge and skills	Optional units
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