



Progression of Curriculum and Skills Map

Subject area: Computing

Curriculum Leader: Dan Stuckey

The three core areas are: Computer Science, Information Technology and Digital literacy/eSafety. The ICT with MR P resources are used to support the teaching and learning of computing. The DARES approach / scheme aims to deepen children's knowledge of computing so they can creatively apply their learning across the curriculum in a personalised and accessible way. We use the topics within the DARES ICT with MR P Scheme to teach the progression of skills identified in this document. It is expected that some of the IT objectives will be covered in other subjects; this application of skills will allow for deepening of understanding and mastery of the objectives. Flexibility of how the topics are ordered is fine as long as all objectives are met by the end of the year.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Computational thinking and coding and programming (beebots) AR and VR	Sound Word processing and typing Self image and identity	Word processing and typing Sound Self image and identity	Computational thinking Photography and digital art Self image and identity	Word processing and typing Data handling Self image and identity	Computational thinking Presentations, web design and eBook creation Self image and identity

	Self image and identity					
Autumn 2	<p>Sound</p> <p>Word processing and typing</p> <p>Online relationships and online bullying</p>	<p>Computational thinking and coding and programming (including beebots)</p> <p>AR and VR</p> <p>Online relationships and online bullying</p>	<p>Computational thinking</p> <p>Photography and digital art</p> <p>Online relationships and online bullying</p>	<p>Word processing and typing</p> <p>Sound</p> <p>Online relationships and online bullying</p>	<p>Computational thinking</p> <p>Photography and digital art</p> <p>Online relationships and online bullying</p>	<p>Word processing and typing</p> <p>Sound</p> <p>Online relationships and online bullying</p>
Spring 1	<p>Computational thinking and coding and programming (beebots)</p> <p>Photography and digital art</p>	<p>Health and well-being</p> <p>Word processing and typing</p> <p>Data handling</p>	<p>Word processing and typing</p> <p>Data handling</p> <p>Health and well-being</p>	<p>Coding and programming</p> <p>Presentations, web design and eBook creation</p> <p>Health and well-being</p>	<p>Animation</p> <p>Video creation</p> <p>Health and well-being</p>	<p>Coding and programming</p> <p>Photography and digital art</p> <p>Health and well-being</p>

	Health and well-being					
Spring 2	<p>Word processing and typing</p> <p>Presentations</p> <p>Online reputation and managing information online.</p>	<p>Computational thinking and coding and programming (including beebots)</p> <p>Photography and digital art</p> <p>Online reputation and managing information online.</p>	<p>Coding and programming</p> <p>Presentations, web design and eBook creation</p> <p>Online reputation and managing information online.</p>	<p>Animation</p> <p>Video creation</p> <p>Online reputation and managing information online.</p>	<p>Coding and programming</p> <p>Presentations, web design and eBook creation</p> <p>Online reputation and managing information online.</p>	<p>Word processing and typing</p> <p>AR and VR</p> <p>Online reputation and managing information online.</p>
Summer 1	<p>Data handling</p> <p>Word processing and typing</p>	<p>Animation</p> <p>Video creation</p>	<p>Animation</p> <p>Video creation</p>	<p>Computer Networks</p> <p>Data handling</p>	<p>Word processing and typing</p> <p>AR and VR</p>	<p>Computer Networks</p> <p>Data handling</p>

	Privacy and security	Privacy and security	Privacy and security	Privacy and security	Privacy and security	Privacy and security
Summer 2	<p>Animation</p> <p>Video creation</p> <p>Copyright and ownership</p>	<p>Presentations</p> <p>Copyright and ownership</p>	<p>AR and VR</p> <p>Computer Networks</p> <p>Copyright and ownership</p>	<p>AR and VR</p> <p>Word processing and typing</p> <p>Copyright and ownership</p>	<p>Computer Networks</p> <p>Sound</p> <p>Copyright and ownership</p>	<p>Animation</p> <p>Video creation</p> <p>Copyright and ownership</p>