



Federation of St. Cuthbert's and St. Sebastian's Catholic Primary Schools



COMPUTING : CURRICULUM : LONG TERM PLAN

RETURN AND REVIEW

Assessment of retained knowledge, understanding and skills (Summer Term)

	AUTUMN TERM	SPRING TERM	SUMMER TERM
EYFS	<p><u>Computer Science</u> Seeks to acquire basic skills in turning on and operating some ICT equipment (UW_22-36). Operates mechanical toys, e.g. turns the knob on a wind-up toy or pulls back on a friction car (UW_22-36)</p> <p><u>Information Technology</u> Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones (UW_30-50). Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images (UW_30-50).</p>	<p><u>Information Technology</u> Knows how to operate simple equipment, e.g. turns on CD player and uses remote control (UW_30-50). Knows that information can be retrieved from computers (UW_30-50). Completes a simple program on a computer (UW_40-60). Uses ICT hardware to interact with age-appropriate computer software (UW_40-60).</p>	<p><u>Digital Literacy</u> Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes (UW_ELG)</p>
Y1	<p><u>Computer Science – Programming Toys</u></p> <p><u>Information Technology – Vlogging</u></p> <p><i>PREVENT: D1 staying safe / D2 Internet</i></p>	<p><u>Information Technology – Ebooks</u></p> <p><u>Digital Literacy – Searching for images</u></p> <p><i>PREVENT: D1 staying safe / D2 Internet</i></p>	<p><u>Information Technology – Talking Books</u></p> <p><u>Information Technology – Digital Cards</u></p> <p><i>PREVENT: D1 staying safe / D2 Internet</i></p>
Y2	<p><u>Information Technology – Researching</u></p> <p><u>Computer Science – Programming On Screen</u></p> <p><i>PREVENT: D1: staying safe / D2: Internet</i></p>	<p><u>Information Technology – Photography</u></p> <p><u>Digital Literacy – Collecting Data</u></p> <p><i>PREVENT: D1: staying safe / D2: Internet</i></p>	<p><u>Computer Science – Computer Games</u></p> <p><u>Information Technology – Email</u></p> <p><i>PREVENT: C6: Global community / D1: staying safe / D2: Internet</i></p>

Y3	<u>Computer Science – Animation</u> <u>Computer Science – Debugging</u> <u>PREVENT: D1: staying safe / D2: Internet</u>	<u>ICT – Screencast presentations</u> <u>Digital Literacy – Video performance</u> <u>PREVENT: D1: staying safe / D2: Internet</u>	<u>Digital Literacy – Safe communication</u> <u>ICT – Collecting and analysing data</u> <u>PREVENT: D1: staying safe / D2: Internet</u>
Y4	<u>Computational Thinking: Design</u> <u>Computational Networks: HTML Editors</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media/ D5: Social media pressures</u>	<u>Creativity: Digital Compositions</u> <u>Communication: Wiki Pages</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media/ D5: Social media pressures/ E1: Power of the press</u>	<u>Programming: Software Development</u> <u>Productivity: Meteorologists</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media/ D5: Social media pressures</u>
Y5	<u>Computer Science – Errors in Algorithms</u> <u>Computer Science – Interactive Programmes</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media</u>	<u>Digital Literacy – Geometry and Art</u> <u>Digital Literacy – Website Creation</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media/ D4: Social networking patterns/ D5: Social media pressures</u>	<u>Information Communication –Blogging</u> <u>Information Communication - Creating Virtual Spaces</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media</u>
Y6	<u>App Planning</u> <u>Computational thinking (Project Managers)</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media</u>	<u>Productivity (Market Research)</u> <u>Communication (Interface Design)</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media</u>	<u>Programming (Mobile App designing)</u> <u>Creativity (Marketing)</u> <u>PREVENT: D1: staying safe / D2: Internet/ D3: Social media</u>

