



Year Five Computing Overview for the Year

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 1	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 1:</p> <p>LO: To explain that computers can be connected together to form systems. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Investigation (Networks) Materials (Hardware)</p>	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 2:</p> <p>LO: To recognise the role of computer systems in our lives. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Materials (Hardware)</p>	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 3:</p> <p>LO: To experiment with search engines. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Comparison (Digital searching)</p>	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 4:</p> <p>LO: To describe how search engines select results. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Comparison (Digital searching)</p>	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 5:</p> <p>LO: To explain how search results are ranked. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Comparison (Digital searching)</p>	<p>Computing systems and networks – Systems & Searching</p> <p>Lesson 6:</p> <p>LO: To recognise why the order of results is important, and to whom. KS2: CO 1, 2, 4, 6</p> <p>Big Idea (Aspect):</p> <p>Comparison (Digital searching)</p>
Term 2	<p>Creating media – Video Production</p> <p>Lesson 1:</p> <p>LO: To explain what makes a video effective. KS2: CO 5, 6, 7</p>	<p>Creating media – Video Production</p> <p>Lesson 2:</p> <p>LO: To identify digital devices that can record video. KS2: CO 5, 6, 7</p>	<p>Creating media – Video Production</p> <p>Lesson 3:</p> <p>LO: To capture video using a range of techniques. KS2: CO 5, 6, 7</p>	<p>Creating media – Video Production</p> <p>Lesson 4:</p> <p>LO: To create a storyboard. KS2: CO 5, 6, 7</p>	<p>Creating media – Video Production</p> <p>Lesson 5:</p> <p>LO: To identify that video can be improved through reshooting and editing. KS2: CO 5, 6, 7</p>	<p>Creating media – Video Production</p> <p>Lesson 6:</p> <p>LO: To consider the impact of the choices when making and sharing a video. KS2: CO 5, 6, 7</p>



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	<p>Lesson 1: Creating a paper-based database</p> <p>LO: To choose a form to record information. KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world)</p>	<p>Lesson 2: Computer databases</p> <p>LO: To compare and computer-based databases KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world)</p>	<p>Lesson 3: Using a database</p> <p>LO: To outline how you can answer questions by grouping and then sorting data KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world)</p>	<p>Lesson 4: Using search tools</p> <p>LO: To explain that tools can be used to select specific data KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world)</p>	<p>Lesson 5: Comparing data visually</p> <p>LO: To explain that computer programs can be used to compare data visually KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world)</p>	<p>Lesson 6: Databases in real life</p> <p>LO: To use a real-world databases to answer questions. KS2: CO 5, 6</p> <p>Big Idea (Aspect): Nature (Real world) Place (Real world)</p>
Term 5	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 1:</p> <p>LO: To identify that drawing tools can be used to produce different outcomes KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 2:</p> <p>LO: To create a vector drawing by combining shapes KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 3:</p> <p>LO: To use tools to achieve a desired effect KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 4:</p> <p>LO: To recognise that vector drawings consist of layers KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 5:</p> <p>LO: To group objects to make them easier to work with KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>	<p>Creating media – Introduction to vector graphics.</p> <p>Lesson 6:</p> <p>LO: To apply what I have learned about vector drawings KS2: CO 6</p> <p>Big Idea (Aspect): Place (Digital World)</p>

