

Year / Topic	Term	National Curriculum Links	Length of Topic
<p>8.5 Information, Reliability and Bias</p>	<p>Summer 1</p>	<p>CS3.2, DL3.2</p>	<p>5 Weeks</p>
<p><b>Resources</b> Prezzi Microsoft PowerPoint Internet Explorer Microsoft Word Microsoft Excel</p>	<p><b><u>Key Classroom ICT Activity</u></b></p> <p>In this unit students learn to assess the validity of information. They will be able to identify biased and inaccurate information and avoid what they deem to be unreliable. Students learn techniques to make them search for information more effectively. Students are asked to work in pairs and select a contentious issue to gather information from various sources in order to make an unbiased presentation to others.</p>		
<p><b>Target Skills</b> Research Data capture form design Presentation Skills Teamwork Collaboration</p>	<p>By the end of the topic students will be able to:</p> <ul style="list-style-type: none"> <li>• Consider the usefulness, provenance, reliability and bias of any information collected and used.</li> <li>• Work together in pairs to produce an unbiased presentation on a topic of your choice.</li> <li>• Collect information from various sources.</li> </ul>		
<p><b>Curriculum Links</b> SMSC – discussing ethical issues in the world.</p>	<p><b>Assessment - Progression Pathways</b> All children should – <i>DL, Makes judgements about digital content when evaluating and repurposing it for a 'given audience'.</i> Most children should – <i>DL, Uses technologies and online services securely.</i> <i>CS, Understands how search engines rank results.</i> Some children should - <i>DL, Explains and justifies how the use of technology impacts on society. Understands the ethical issues surrounding the application of information technology, and the existence of legal frameworks.</i></p>		
<p><b>E-Safety Coverage</b> Observe good practice when searching for and selecting content. Show regard for the ethical and legal frameworks around conducting surveys, showing respect for those participating in the research. Use search engines safely and effectively, considering how they can contribute positively to the project.</p>			

Assessment Criteria	8.5 Information, Reliability and Bias
Emerging	<ul style="list-style-type: none"> <li>✓ I can recognise the audience when designing and creating digital content.</li> </ul>
Developing	<ul style="list-style-type: none"> <li>✓ I can use criteria to evaluate the quality of solutions.</li> <li>✓ I can identify improvements and make some changes to the solution and future solutions.</li> </ul>
Secure	<ul style="list-style-type: none"> <li>✓ I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</li> </ul>
Mastered	<ul style="list-style-type: none"> <li>✓ I can effectively design and create digital artefacts for a wider or remote audience.</li> <li>✓ I can consider the properties of media when importing into digital artefacts.</li> </ul>