



**Computing**  
**Year 5 and 6**  
**Spring 2**

<b>Topic</b> Online													
<b>Rationale</b> We believe that at Tilery our children should be able to fluently use the internet whilst remaining safe online. This topic aims to equip the children with skills not only to access the internet but to do so in a manner which they remain safe.													
<b>NC Objective</b> <ul style="list-style-type: none"> <li>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul>													
<b>Links to other Subject/Topics (Year A)</b>			<b>Links to other Subject/Topics (Year B)</b> History – Britain since 1950s research. DT – Online search for food from 1960s. PSHE – E Safety online relationships										
Note that E Safety, although it is taught as a topic in computing it will be referred to throughout each lesson where computing is used.													
<b>Inspiration for Aspiration</b> Teacher, Social Worker, Teaching, web designer, content creator, programmer													
<b>Year 4 Key Content</b> <b>Internet research</b> <ul style="list-style-type: none"> <li>How can I type in a URL to find a website?</li> <li>What websites are in my favourite list?</li> <li>How can I use search engines to find a range of media?</li> <li>What search terms can I use to answer questions I want to answer?</li> <li>What information is reliable and what information is not?</li> <li>What is the difference between fact or opinion?</li> </ul>		<b>Key Content Year 5</b> <b>Internet Research</b> <ul style="list-style-type: none"> <li>How can I use advanced search to narrow my search in Google?</li> <li>How do people contribute to the making of websites such as Wikipedia?</li> <li>How can I use other sources to check information line?</li> <li>How can I use my understanding to check the validity of websites?</li> </ul>		<b>Year 6 Key Content</b> <ul style="list-style-type: none"> <li>What constitutes good behaviour online?</li> <li>What sources can I use online for checking information?</li> <li>Where can I find 'report' and 'flag' buttons in commonly used sites and name sources of help? (childline, cyber mentors etc.)</li> <li>Where can I find the CEOP button?</li> <li>What is the purpose of the CEOP button?</li> <li>What scenarios online involve risk?</li> <li>What sources can I use online for information?</li> <li>What does an online role model look like to younger pupils?</li> </ul>									
<b>Concepts</b>													
<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="background-color: yellow;"><b>Online</b></td> <td><b>1</b></td> <td><b>2</b></td> <td><b>3</b></td> <td><b>4</b></td> <td><b>5</b></td> <td><b>6</b></td> </tr> </table>							<b>Online</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
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<b>Skills and Knowledge Year 4</b> <ul style="list-style-type: none"> <li>Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content</li> </ul>		<b>Skills and Knowledge Year 5</b> <ul style="list-style-type: none"> <li>Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content</li> </ul>		<b>Skills and Knowledge Year 6</b> <ul style="list-style-type: none"> <li>Pupils begin to explore the nature of online audiences and permanency of information online. They begin to understand the significance of published</li> </ul>									

		<p>information and personal information</p> <p>Pupils understand what it means to be a good digital citizen as they interact with others online by understanding how to prevent and respond to cyberbullying. They also learn how to communicate effectively to prevent miscommunication in order to be a responsible member of a connected culture</p>
<p><b>Vocab Year 4</b> Personal, Information, Login, Password, Confidential, Private, Safe, Search, Website, Search Engine</p>	<p><b>Vocab Year 5</b> Apps Safari Google Bing YouTube Social Media Cyberbullying Digital citizen</p>	<p><b>Vocab Year 6</b> Apps Safari Google Bing YouTube Social Media Cyberbullying Digital citizen</p>
<p><b>By the end of this topic Year 4 children will be able to:</b> Effectively decide what to type into a URL to find a website. They should also understand which websites are in their favourites list. Children should be able to use search engines to find range of media. Children will be able to change search terms in order to find information in order to answer a question deciding on which information is reliable and which is not. Children will also be able to decide which information is fact or opinion and how to use both accordingly.</p>	<p><b>By the end of this topic Year 5 children will be able to:</b> Use advanced search to narrow down searches in google. Children will understand how people contribute to websites like Wikipedia. Children will know how to check information found online is correct. Children will assess their own understanding to check validity of websites.</p>	<p><b>By the end of the topic Year 6 children will:</b> Be able to articulate and demonstrate what good online behaviour is. Children will know which sources they can use online for checking if information is correct. Children will know where to find the report and flag buttons on commonly used websites. They will know how and where to find the CEOPs button as well as its function. Children will be able to identify risk online and what to do should this arise. Children will be able to demonstrate what an online role model will look like to the rest of the school.</p>
<p><b>Assessment</b> Ongoing assessment of whether children can determine validity of information. Children can explain what a digital citizen is and how to be a good one.</p>		