



## TSS Primary Computing MTP 2023-2024

### Year 6 Block 1 – Communication

Week	Key Targets and Learning Objectives	Key Activities	Key Vocabulary
1	<ul style="list-style-type: none"><li>• To identify how to use a search engine</li><li>• I can complete a web search to find specific information</li><li>• I can refine my search</li><li>• I can compare results from different search engines</li></ul>	<ul style="list-style-type: none"><li>• In this lesson, learners will be introduced to a range of search engines.</li><li>• They will be given the opportunity to explain how we search, then they will write and test instructions.</li><li>• Next, they will learn that searches do not always return the results that we are looking for and will refine their searches accordingly.</li><li>• Finally, they will be introduced to the two most common methods of searching: using a search engine and the address bar.</li></ul>	<ul style="list-style-type: none"><li>• Search,</li><li>• search engine,</li><li>• Google,</li><li>• Bing,</li><li>• Yahoo!,</li><li>• Swisscows,</li><li>• DuckDuckGo,</li><li>• refine</li></ul>
2	<ul style="list-style-type: none"><li>• To describe how search engines select results</li><li>• I can explain why we need tools to find things online</li><li>• I can recognise the role of web crawlers in creating an index</li><li>• I can relate a search term to the search engine's index</li></ul>	<ul style="list-style-type: none"><li>• In this lesson, learners will gain an understanding of why search engines are necessary to help us find things on the World Wide Web.</li><li>• They will conduct their own searches and break down, in detail, the steps needed to find things on the web.</li><li>• They will then emulate web crawlers to create an index of their own classroom.</li><li>• Finally, they will consider why some searches return more results than others.</li></ul>	<ul style="list-style-type: none"><li>• Index,</li><li>• crawler,</li><li>• bot,</li><li>• search engine</li></ul>
3	<ul style="list-style-type: none"><li>• To explain how search results are ranked</li><li>• I can explain that search results are ordered</li><li>• I can explain that a search engine follows rules to rank relevant pages</li><li>• I can suggest some of the criteria that a search engine checks to decide on the order of results</li></ul>	<ul style="list-style-type: none"><li>• This lesson includes an unplugged activity in which the class will learn about some of the main factors that influence how a search engine ranks a web page.</li><li>• Learners will create paper-based 'web pages' in groups, on a topic that they are currently studying.</li><li>• They will then discover how their web pages would rank when searching for keywords relating to their content.</li></ul>	<ul style="list-style-type: none"><li>• Ranking,</li><li>• search engine,</li><li>• search engine optimisation,</li><li>• links,</li><li>• web crawlers</li></ul>
4	<ul style="list-style-type: none"><li>• To recognise why the order of results is important, and to whom</li><li>• I can describe some of the ways that search results can be influenced</li><li>• I can recognise some of the limitations of search engines</li><li>• I can explain how search engines make money</li></ul>	<ul style="list-style-type: none"><li>• In this lesson, learners will explore how the person performing a web search can influence the results that are returned, and how content creators can optimise their sites for searching.</li><li>• Learners will also explore some of the limitations of searching, then discuss what cannot be searched.</li></ul>	<ul style="list-style-type: none"><li>• Searching,</li><li>• search engine,</li><li>• web crawler,</li><li>• content creator,</li><li>• selection,</li><li>• ranking</li></ul>



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5	<ul style="list-style-type: none"><li>• To recognise how we communicate using technology</li><li>• I can explain the different ways in which people communicate</li><li>• I can identify that there are a variety of ways of communicating over the internet</li><li>• I can choose methods of communication to suit particular purposes</li></ul>	<ul style="list-style-type: none"><li>• In this lesson, learners will deepen their understanding of the term 'communication'.</li><li>• They will explore different methods of communication, then they will consider internet-based communication in more detail.</li><li>• Finally, they will evaluate which methods of communication suit particular purposes.</li></ul>	<ul style="list-style-type: none"><li>• Communication,</li><li>• internet</li></ul>
6	<ul style="list-style-type: none"><li>• To evaluate different methods of online communication</li><li>• I can compare different methods of communicating on the internet</li><li>• I can decide when I should and should not share</li><li>• I can explain that communication on the internet may not be private</li></ul>	<ul style="list-style-type: none"><li>• In this lesson, learners will use information provided and their own prior knowledge to categorise different forms of internet communication.</li><li>• They will then choose which method they would use for the scenarios discussed in the previous lesson.</li><li>• During these activities, they will explore issues around privacy and information security.</li></ul>	<ul style="list-style-type: none"><li>• Communication,</li><li>• public,</li><li>• private,</li><li>• one-way,</li><li>• two-way,</li><li>• one-to-one,</li><li>• one-to-many,</li><li>• SMS,</li><li>• email,</li><li>• WhatsApp,</li><li>• TikTok,</li><li>• YouTube,</li><li>• Twitter,</li><li>• InstaGram</li></ul>