



Computing

Year 3 and 4

Spring 1

Topic Online						
Rationale 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.						
NC Objective understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration						
Links to other Subject/Topics (Year A)				Links to other Subject/Topics (Year B)		
				Science – Researching of Animals including humans History – Researching of Anglo Saxon and Scots Geography – Research to Arctic and Antarctica		
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.						
Inspiration for Aspiration Teacher, influencer, content creator, coder, programmer, online marketer, designer,						
Key Content Year 2 Internet research <ul style="list-style-type: none"> What websites have I accessed previously? How can I access hyperlinks by clicking on arrows and menus? How can I use research to aid other curriculums? 		Year 3 Key Content Internet research <ul style="list-style-type: none"> How can I type in a URL to find a website? What websites are in my favourite list? How can I use search engines to find a range of media? What search terms can I use to answer questions I want to answer? What information is reliable and what information is not? 		Year 4 Key Content Internet research <ul style="list-style-type: none"> How can I type in a URL to find a website? What websites are in my favourite list? How can I use search engines to find a range of media? What search terms can I use to answer questions I want to answer? What information is reliable and what information is not? What is the difference between fact or opinion? 		
Concepts						
Online	1	2	3	4	5	6
Internet Research						
Skills and Knowledge Year 2 <ul style="list-style-type: none"> Pupils learn about some of the uses of the internet Pupils learn that the Internet is a great place to develop rewarding online relationships and learn to 		Skills and Knowledge Year 3 <ul style="list-style-type: none"> Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content 		Skills and Knowledge Year 4 <ul style="list-style-type: none"> Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content 		

<p>recognise websites that are good for them to visit; but they also learn to be cautious and to check with a trusted adult before sharing private information</p> <ul style="list-style-type: none"> • Pupils are introduced to the concept that real people send messages to one another on the Internet and learn how messages are sent and received. They recognise that it may be difficult to distinguish between someone who is real and someone who is not • Pupils are introduced to the basics of online searching • Pupils learn to explore websites and to say whether they like them or not and why 		
<p>Vocab Year 2 Personal, Information, Login, Password, Confidential, Private, Safe, Search, Website, Search Engine</p>	<p>Vocab Year 3 URL, website, favourites, search engine, media, images, texts, reliability, fact, opinion.</p>	<p>Vocab Year 4 Navigate, bookmark, query, criteria, bias, verify, evaluate, source, authentic.</p>
<p>By the end of the topic Year 2 children will: Be able to discuss how school uses technology throughout day to day running and offer apps in order to complete jobs such as publisher or pages for word processing. Children should also be able to discuss the safe use of technology.</p>	<p>By the end of this topic Year 3 children will be able to: 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.</p>	<p>By the end of this topic Year 4 children will be able to: 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>Assessment Teacher based judgment</p> <p>Example Children will create a topic based poster in order to answer a given enquiry question. For example Did the Romans invading Britain benefit Britain or have negative effects?</p>		