

STEM Computing – Digital Literacy Progression Mapping 2021

	Content progression	Vocabulary progression	Skill progression.
--	---------------------	------------------------	--------------------

Year 1	<p><u>PurpleMash</u> Unit 1.1 Online Safety & Exploring PurpleMash (Autumn 2)</p> <p>Unit 1.9 Technology outside school (Autumn 2)</p> <p>Safer Internet day 8.2.22 PSHE units – keeping safe (Spring 1)</p>	<p>log in log out username password my work avatar notification topics tools save</p> <p>technology</p>	<p><u>Electronic Communication</u></p> <p>Contribute ideas to a class email to another class / school etc.</p> <p><u>Research and E-Safety</u></p> <p>As a class exercise children explore information from a variety of sources (electronic, paper based, observations of the world around them, etc.).</p> <p>They show an awareness of different forms of information</p> <p><u>Understanding technologies (internet)</u></p>
Year 2	<p><u>PurpleMash</u> Purple mash logging on and off with personal log ins (Autumn 1)</p> <p>Unit 2.2 Online Safety (Spring 1)</p> <p>Spring Safer Internet day 8.2.22 PSHE units – keeping safe (Spring 1)</p>	<p>Search ‘display board’ internet sharing email attachment ‘digital footprint’</p> <p>Internet ‘search engine’</p>	<p><u>Electronic Communication</u></p> <p>Work collaboratively by email to share and request information of another class or story character.</p> <p><u>Research and E-Safety</u></p> <p>Children use a search engine to find specific relevant information to use in a presentation for a topic.</p> <p>They save and retrieve their work.</p> <p><u>Understanding technologies (internet)</u></p>

STEM Computing – Digital Literacy Progression Mapping 2021

	Content progression	Vocabulary progression	Skill progression.
--	---------------------	------------------------	--------------------

	Unit 2.5 Effective Searching (Summer 2)		Use websites and demonstrate an awareness of how to manage their journey around them (e.g. using the back/forward button, hyperlinks)
Year 3	<p>Safer Internet day 8.2.22 (Spring 1) PSHE units – keeping safe</p> <p>Email Safety – Unit 3.5 (Spring 1)</p> <p>Password protection and introduction to Google Classroom (Summer 2)</p>	<p>communication Email compose send CC attachment formatting report password 'address book' 'save to draft'</p>	<p>Begin to understand the need to abide by school e-safety rules.</p> <p><u>Research and E-Safety</u></p> <p>Using another curriculum area as a starting point, children ask their own questions then use ICT sources to find answers, making use of search engines, an index, menu, hyperlinks as appropriate.</p> <p>Children use the information or resources they have found.</p> <p><u>Understanding technologies (internet)</u></p> <p>Show an awareness that not all the resources/tools they use are resident on the device they are using.</p> <p>Begin to show an understanding of URLs</p>
Year 4	<p><u>PurpleMash</u> Unit 4.2 – Online Safety (Spring 1)</p> <p>Digital Wellbeing – Be Internet Legends – Be Kind (Summer 1)</p>	<p>Computer virus cookies copyright 'digital footprint'</p> <p>Email 'identity theft'</p> <p>malware phishing plagiarism spam</p>	<p><u>Electronic Communication</u></p> <p>Share ICT work they have done electronically by email, VLE, or uploading to authorised sites.</p> <p>Where possible seek and respond to feedback.</p>

STEM Computing – Digital Literacy Progression Mapping 2021

	Content progression	Vocabulary progression	Skill progression.
--	---------------------	------------------------	--------------------

	<p>Ollee (Spring 1)</p> <p>Safer Internet day 8.2.22 (Spring 1)</p> <p>PSHE units – keeping safe</p>		<p><u>Research and E-Safety</u></p> <p>Using another curriculum area as a starting point, children ask their own questions then use ICT sources to find answers, making use of search engines, an index, menu, hyperlinks as appropriate.</p> <p>Children use the information or resources they have found.</p> <p>Children talk about using ICT to find information / resources noting any frustrations and showing an emerging understanding of internet safety.</p> <p><u>Understanding technologies (internet)</u></p> <p>Perform a search using different search engines and check the results against each other, explaining why they might be different.</p>
<p>Year 5</p>	<p><u>PurpleMash</u></p> <p>Unit 5.2 – Online Safety (Spring 1)</p> <p>Digital Wellbeing – Be Internet Legends – Be Sharp (Spring 1)</p> <p>NSPCC</p> <p>Childline.org.uk/kids (Spring 1)</p> <p>Safer Internet day 8.2.22</p>	<p>‘Online safety’ SMART rules</p> <p>password reputable</p> <p>encryption ‘identity theft’ ‘shared image’ plagiarism citations</p> <p>reference bibliography</p>	<p><u>Electronic Communication</u></p> <p>Share ICT work they have done electronically by email, VLE, or uploading to authorised sites.</p> <p>Where possible seek and respond to feedback.</p> <p><u>Research and E-Safety</u></p> <p>Make use of copy and paste, beginning to understand the purpose of copyright regulations and the need to repurpose information for a particular audience.</p>

STEM Computing – Digital Literacy Progression Mapping 2021

	Content progression	Vocabulary progression	Skill progression.
--	---------------------	------------------------	--------------------

	<p>PSHE units – keeping safe (Spring 1)</p>		<p>They show an understanding that not all information on the internet is accurate.</p> <p>Develop a growing awareness of how to stay safe when using the internet (in school and at home) and that they abide by the school's internet safety policy</p> <p><u>Understanding technologies (internet)</u></p> <p>Perform a search using different search engines and check the results against each other, explaining why they might be different.</p> <p>Show an awareness of the need for accuracy in spelling and syntax to search effectively.</p>
<p>Year 6</p>	<p><u>PurpleMash</u> Unit 6.2 – Online Safety (Spring 1)</p> <p>Digital Wellbeing – Be Internet Legends – Be Secure (Spring 1)</p> <p>NSPCC Childline.org.uk/kids (Spring 1)</p>	<p>Digital footprint Password PEGI rating phishing 'screen time' 'spoof website'</p>	<p><u>Electronic Communication</u></p> <p>Abide by school rules for e-safety.</p> <p><u>Research and E-Safety</u></p> <p>Independently and with due regard for safety, search the internet using a variety of techniques to find a range of information and resources on a specific topic.</p>

STEM Computing – Digital Literacy Progression Mapping 2021

	Content progression	Vocabulary progression	Skill progression.
--	---------------------	------------------------	--------------------

	<p>Safer Internet day 8.2.22 (Spring 1) PSHE units – keeping safe Use the resource with the children https://www.childline.org.uk/kids</p> <p>Blogging – Unit 6.5 PurpleMash using 2Blog (Spring 2) – See CS for vocab)</p>		<p>Use appropriate methods to validate information and check for bias and accuracy.</p> <p>Repurpose and make appropriate use of selected resources for a given audiences, acknowledging material used where appropriate.</p> <p><u>Understanding technologies (internet)</u></p> <p>Use collaborative tools and e-mail showing a sensitivity for this type of remote collaboration and communication</p>
--	---	--	--