

COMPUTING Curriculum Overview

ONLINE SAFETY is a continuous thread that should be incorporated into your planning throughout the year - please don't complete it as a half-term topic.

*Online Safety Assemblies - one per term - to support in ensuring the school is a **SMART** school.*

Year group	Throughout the curriculum over the year
EYFS	<ul style="list-style-type: none"> ● Staying safe online: Digiduck's Big Decision - SMART rules ● Know how to operate simple equipment (CD player, remote controls, smart technology). ● Show an interest in technological toys with knobs or pulleys or real objects, e.g. camera / Beebots. ● Shows skills in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movement or new images. ● Knows that information can be retrieved from digital devices and the internet. ● Plays with a range of materials to learn cause and effect such as making a string puppet.

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<p><i>Online safety</i></p> <p>Beebots</p>	<p><i>Online safety</i></p> <p>Purple Mash Unit 1.7 Coding</p>	<p><i>Online safety</i></p> <p>Purple Mash Unit 1.2 Sorting Shapes</p>	<p><i>Online safety</i></p> <p>Purple mash Unit 1.4 Lego Builders</p>	<p><i>Online safety</i></p> <p>Purple Mash Unit 1.4 Lego Builders</p>	<p><i>Online safety</i></p> <p>Purple Mash Unit 1.5 Maze Explorers</p>

2	<p><i>Online safety</i></p> <p>Purple Mash Coding</p>	<p><i>Online safety</i></p> <p>Presentations</p>	<p><i>Online safety</i></p> <p>Unit 2.5 Effective Searching Purple Mash Bug Club</p>	<p><i>Online safety</i></p> <p>Unit 2.3 Spreadsheets Purple Mash</p>	<p><i>Online safety</i></p> <p>Unit 2.6 Creating Pictures Purple Mash</p>	<p><i>Online safety</i></p> <p>Unit 2.7 Making Music Purple Mash</p>
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3	<i>Online safety</i> Programming [coding]	<i>Online safety</i> Presentation: Google slides	<i>Online safety</i> Graphing:	<i>Online safety</i> Branching databases	<i>Online safety</i> Understanding the internet & computer networks/ debugging scripts	<i>Online safety</i> Scratch coding
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4	<i>Online safety</i> Programming (using scratch)	<i>Online safety</i> Animation	<i>Online safety</i> Effective searching	<i>Online safety</i> Hardware investigators	<i>Online safety</i> Making music	<i>Online safety</i> Databases
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5	<i>Online safety</i> Coding: J2Code	<i>Online safety</i> 3D Modelling	<i>Online safety</i> Creating & editing videos: iMovie Maker	<i>Online safety</i> Spreadsheets	<i>Online safety</i> Coding: Scratch - game creator	<i>Online safety</i> Emails
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6	<i>Online safety</i> Coding: Purple Mash	<i>Online safety</i> Blogs	<i>Online safety</i> Text Adventures	<i>Online safety</i> Networks / The Internet	<i>Online safety</i> Spreadsheets	<i>Online safety</i> Quizzing: Creating a quiz using Google Forms
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