



## CURRICULUM MAP FOR COMPUTING AND ONLINE SAFETY

The school uses 'Switched on Computing' to support teaching and learning in this subject.

E-safety units are in blue

### Cycle A

Year Group	Autumn Term	Spring Term	Summer Term
<b>EYFS</b>	<b>Online Safety: Understand What a Computer Is; Usernames and Passwords Can be Used to Access Online Apps</b> <b>Information Technology: Using Different Types of Technology and Developing Keyboard and Mouse Skills</b> <b>Digital Literacy: Exploring Technology with School</b> <b>Computing Science: Following Simple Instructions</b>	<b>Online Safety: Talk to Adults when Something Upsets Them; Usernames and Passwords can be Used to Access a Computer</b> <b>Information Technology: Using Digital Devices to Video Record Others</b> <b>Digital Literacy: Exploring Technology at Home</b> <b>Computing Science: Programming using Bee-Bots</b>	<b>Online Safety: Talking to Strangers Online is Not Safe; Sharing Personal Details (name) is Not Safe</b> <b>Information Technology: Using Digital Devices to Record Sound</b> <b>Digital Literacy: Comparing Different Technological Devices</b> <b>Computing Science: Solving Problems</b>
<b>Years 1 and 2</b>	<b>Online Safety: Not All Online Content is Safe to View</b>	<b>Online Safety: Digital Citizens</b> <b>Online Safety: Personal Information</b>	<b>Online Safety: Search Engines will Order their Results</b> <b>Online Safety: Creating Strong Passwords</b>

	<b>Online Safety: The Way Technology is Used Impacts on Others</b> <b>Digital Literacy and Information Technology: Recording a Recipe</b>	<b>Information Technology and Digital Literacy: Creating Images Using Different Digital Artistic Techniques</b>	<b>Computer Science: Creating Simple Programs</b>
<b>Years 3 and 4</b>	<b>Online Safety: The Internet is not Always a Safe Place</b> <b>Online Safety: Digital Footprints</b> <b>Computer Science: Creating an Animation</b>	<b>Online Safety: Digital Rights and Responsibilities</b> <b>Online Safety: Everyone is Responsible for Looking After the Internet</b> <b>Information Technology and Digital Literacy: Shell Structures Using Computer Aided Design (link to D.T.)</b>	<b>Online Safety: Using Good Etiquette Online</b> <b>Online Safety: Information in the Internet is not Always True</b> <b>Information Technology and Digital Literacy: Collecting and Presenting Data</b>
<b>Years 5 and 6</b>	<b>Online Safety: Report Buttons on Websites</b> <b>Online Safety: There are Consequences for Sharing Inappropriate Content</b> <b>Information Technology: Creating Individual Pieces of Art</b>	<b>Online Safety: Social Media and Age Restrictions</b> <b>Online Safety: Solving Problems as the Internet Evolves</b> <b>Digital Literacy and Information Technology: Exploring Networks</b>	<b>Online Safety: Respecting Privacy When Online</b> <b>Online Safety: Recognise that In-Game Purchases are Linked to Bank Accounts</b> <b>Computer Science - Electrical Systems: Monitoring and Control (link to D.T.)</b>

## **Cycle B**

<b>Year Group</b>	<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>EYFS</b>	<b>Online Safety: Understand What a Computer Is; Usernames and Passwords Can be Used to Access Online Apps Information Technology: Using Different Types of Technology and Developing Keyboard and Mouse Skills Digital Literacy: Exploring Technology with School Computing Science: Following Simple Instructions</b>	<b>Online Safety: Talk to Adults when Something Upsets Them; Usernames and Passwords can be Used to Access a Computer Information Technology: Using Different Types of Technology and Developing Their Keyboard and Mouse Skills Digital Literacy: Exploring Technology with School Computing Science: Following Simple Instructions</b>	<b>Online Safety: Talking to Strangers Online is Not Safe; Sharing Personal Details (name) is Not Safe Information Technology: Using Digital Devices to Record Sound Digital Literacy: Comparing Different Technological Devices Computing Science: Solving Problems</b>
<b>Years 1 and 2</b>	<b>Online Safety: Recognising Good and Bad Choices Online Safety: Understand that Games Have Ratings (PEGI) Information Technology and Digital Literacy: Editing Images and Text</b>	<b>Online Safety: Bullying can Happen Online Online Safety: Being Unkind Online Impacts on Feelings and Emotions of Others Information Technology and Digital Literacy: Locating and Organising Images</b>	<b>Online Safety: Managing Screen Time Online Safety: Taking Breaks from Online Gaming Computer Science: Exploring Algorithms and Digital Devices</b>
<b>Years 3 and 4</b>	<b>Online Safety: Having Different Strategies to Solve Problems</b>	<b>Online Safety: Understanding Peer Pressure when Online Online Safety: Avatars and the Content included on Them</b>	<b>Online Safety: the Difference Between Virtual Friends and Real Friends</b>

	<b>Online Safety: Messages Spread Around the World at a Quick Pace</b> <b>Computer Science: Writing Algorithms and Debugging</b>	<b>Computer Science and Digital Literacy: Electrical Systems - Simple Programming and Control (link to DT)</b>	<b>Online Safety: Information can be Protected by Using a Strong Password</b> <b>Information Technology: Creating and Editing Musical Compositions</b>
<b>Years 5 and 6</b>	<b>Online Safety: CEOP</b> <b>Online Safety: Online Products are Promoted by Paid Companies and Individuals</b> <b>Information Technology and Digital Literacy: Record and Edit Videos</b>	<b>Online Safety: Online Games use Tactics to Control and Manipulate</b> <b>Online Safety: Negative Behaviour Online has a Negative Impact</b> <b>Information Technology: Understanding Encryption and Data Collection</b>	<b>Online Safety: Copyright and the Law</b> <b>Online Safety: Individuals can be Searched for on the Internet</b> <b>Computer Science: Programming Using Python</b>