



# St Clement's Computing Overview

## 2024/2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	How do we use the Interaction whiteboard in class? Rules to stay safe online	Taking simple photographs with a camera or iPad Learning to hold the camera still	Begin to understand how computers can help us To explore how to use technology safely  <b>Safer Internet Day</b>	Explore the internet to research a class topic Develop basic mouse skills Recognising familiar numbers and letters on a keyboard	Explore the internet to research a class topic Develop basic mouse skills Recognising familiar numbers and letters on a keyboard	Programming a Bee-Bot
Year 1	<b>Computing Systems &amp; Network</b> Improving mouse skills <b>Internet Safety</b> – Using the internet safely	<b>Programming</b> Algorithms unplugged <b>Internet Safety</b> – Online Emotions	<b>Skills showcase</b> Rocket to the moon  <b>Safer Internet Day</b>	<b>Programming</b> Option 1: Bee-Bots <b>Internet Safety</b> – Always be kind and considerate	<b>Creating Media</b> Stop Motion Option 1: Using tablet <b>Internet Safety</b> – Posting and sharing online	<b>Data Handling</b> ♦ Introduction to data <b>Internet Safety</b> – Is it true?
Year 2	<b>Computing Systems &amp; Network</b> What is a computer? <b>Internet Safety</b> – What happens when I post online	<b>Programming</b> Algorithms and debugging <b>Internet Safety</b> – How do I keep my things safe online?	<b>Computing Systems &amp; Network</b> Word processing  <b>Safer Internet Day</b>	<b>Programming</b> Scratch Jr <b>Internet Safety</b> – It's my choice	<b>Creating Media</b> Stop Motion <b>Internet Safety</b> – Is it true	<b>Data Handling</b> International Space Station <b>Internet safety</b> – How much time should we spend on technology
Year 3	<b>Computing Systems &amp; Network</b> Networks <b>Internet Safety</b> – Beliefs, opinions and facts on the internet	<b>Programming</b> Scratch <b>Internet Safety</b> – Who should I ask?	<b>Computing Systems &amp; Network</b> Emailing  <b>Safer Internet Day</b>	<b>Programming</b> Journey inside a Computer <b>Internet Safety</b> – When being online makes me upset	<b>Creating Media</b> Video trailers <b>Internet Safety</b> – Sharing of information	<b>Data Handling</b> Comparison cards Databases <b>Internet Safety</b> – Rules of social media platforms
Year 4	<b>Computing Systems &amp; Network</b> Collaborative Learning <b>Internet Safety</b> – What happens when I search online?	<b>Programming</b> Further coding with Scratch <b>Internet Safety</b> – How do companies encourage us to buy online?	<b>Creating Media</b> Website design  <b>Safer Internet Day</b>	<b>Skills showcase</b> ♦ HTML <b>Internet Safety</b> – Fact, opinion or belief?	<b>Computational thinking</b> <b>Internet Safety</b> – What is a bot?	<b>Data Handling</b> Investigating weather <b>Internet Safety</b> – What is my #TechTimetable like?
Year 5	<b>Computing Systems &amp; Network</b> Search engines <b>Internet Safety</b> – Online protection	<b>Programming</b> Programming music <b>Internet Safety</b> – Online communication	<b>Data Handling</b> Mars Rover 1  <b>Safer Internet Day</b>	<b>Programming</b> Micro:bit <b>Internet Safety</b> – Online reputation	<b>Creating Media</b> Stop motion animation <b>Internet Safety</b> – Online bullying	<b>Skills showcase</b> Mars Rover 2 <b>Internet Safety</b> – Online health
Year 6	<b>Computing Systems &amp; Network</b> Bletchley Park <b>Internet Safety</b> – Life online	<b>AI</b> (details Oct 2024) <b>Internet Safety</b> – Sharing online	<b>Data Handling</b> Big data 1 Internet Safety – Creating a positive online reputation <b>Safer Internet Day</b>	<b>Programming</b> Intro to Python <b>Internet Safety</b> – Capturing evidence	<b>Data Handling</b> Big data 2 <b>Internet Safety</b> – Password protection	<b>Skills showcase</b> Inventing a product <b>Internet Safety</b> – Think before you click