

E-Safety Across the Computing Curriculum

Whilst there are discrete units of work within the computing curriculum which address digital citizenship and e-safety issues, throughout every topic delivered opportunities are sought to reinforce the key messages around behaving responsibly, ethically and safely online.

The table below gives an outline of planned points of discussion which are addressed through the units of work, however it is important to highlight that they are not restricted to only these areas of discussion. Discussions are very much led by student need and experiences.

		Unit of Work	Areas of Discussion
Year 7	Aut A&B	<i>Communicating Info Using Text - Microsoft Publisher</i>	Digital Privacy - What information are we sharing and who with?
	Spr A	<i>Creating Pictures - Microsoft Paint</i>	Digital Integrity - Do you know the original source of your online information? Have you credited them appropriately?
	Spr B	<i>Introduction to Presentations - Microsoft PowerPoint</i>	Digital Health - When can technology support our daily living? When is the right time to use something other than technology?
	Sum A	<i>E-Safety - What & Where We Share</i>	Digital Privacy - What information are we sharing about ourselves? Where is this being shared? Who can see it? Digital Etiquette - How are we communicating with others online? Digital Responsibility - Are we keeping other people's information safe?
	Sum B	<i>Inputs, Processes & Outputs</i>	Practical Safety - Do we know how technology works? Can we use it safely, recognising unsafe practise by others and how this can be dangerous.
Year 8	Aut A	<i>Communicating Info with Numbers - Microsoft Excel</i>	Digital Etiquette - How can we use real life experiences to influence our use of digital scenarios?
	Aut B	<i>An Introduction to Binary</i>	Digital Downtime - How have we learnt this computing concept? Have we enjoyed being 'unplugged' from technology?
	Spr A	<i>Capturing & Editing Digital Images</i>	Digital Responsibility - How should we manage taking pictures of others?
	Spr B	<i>Computational Thinking (Boolean Thinking)</i>	Digital Integrity - Does the information you collected meet your needs? Is the information reliable?
	Sum A	<i>Electronic Communication</i>	Digital Literacy - How can we assess the safety of emails? Digital Responsibility - What procedures would we follow if we had any concerns? Digital Security - How we can ensure the accounts stay safe (passwords & sharing details)?
	Sum B	<i>Introduction to Databases</i>	Digital Security - How are you ensuring information you collect from others is kept safe? Digital Etiquette - Are we collecting information from people in a respectful manner?

Year 9	Aut A&B	<i>Writing for Different Audiences (Fact, Opinion, Bias)</i> - Microsoft Word	Digital Etiquette - Is the information we read in the press unbiased? Is it kind? Digital Health - How might unkind press affect someone's mental health? Digital Downtime - If dealing with unwelcome or unreasonable online comments how could we digitally disconnect?
	Spr A	<i>Introduction to Spreadsheets</i>	Digital Commerce - How can online tools help you to budget? Why should we keep record of online spending?
		<i>Using Excel - Microsoft Excel</i>	
	Spr B	<i>Introduction to Animation</i> - Paint & Movie Maker	Digital Downtime - Can we create an animation without using technology? Digital Etiquette - What is responsible behaviour in terms of streaming and downloading digital movies/content?
	Sum A	<i>Introduction to Programming</i>	Digital Downtime - Can we use everyday items to develop programming and coding skills? Practical Safety - Are we confident in making things work? Can we troubleshoot and debug technical difficulties?
		<i>Creating Algorithms</i>	
Sum B	<i>Programming: BeeBots</i>	Digital Health - How can coding/programming be used in a positive manner in everyday life? Digital Literacy - How is coding/programming misused? How can we limit our risks?	
	<i>Programming: Scratch</i>		
Year 10	Aut A&B	<i>Exploring Formatting Techniques</i>	Digital Privacy - What information should be shared on a personal and business level? What is the reach of information shared in printed and online format?
		<i>Creating Business Print Media</i>	
	Spr A&B	<i>Programming: BeeBots</i>	Practical Safety - How do the instructions we give make something happen? Digital Literacy - How does the information we give online get used to make something happen (cookies and advertising)?
		<i>Programming: Scratch</i>	
	Sum A	<i>Handling Data</i>	Digital Integrity - What methods can we employ to collect data? Which of these is safest? Which provides the most valid information? Digital Privacy - If we are collecting primary data from people what are our responsibilities? Digital Literacy - What rules should we follow when contacting people to collect information?
		<i>Data Query Techniques</i>	
Sum B	<i>Public Info Systems</i> - Weather Reports	Digital Health - What other public information systems do we use? Which of these take responsibility for our online safety & mental health?	
Year 11	Aut A&B	<i>Sharing Information Using Technology</i>	Digital Integrity - How do we know information we collect is valid and up to date? Digital Etiquette - How do we credit the sources of information that we have used? Digital Privacy - What rules should we follow when collecting information from people using email?
		<i>Producing an Information Leaflet</i>	
	Spr A&B	<i>How a Computer Works</i>	Practical Safety - Can we troubleshoot and fix any issues we may have with hardware? Digital Literacy - How can system components become affected by viruses? What can we look for to avoid these issues?
		<i>Computer Systems</i>	
	Sum A	<i>Capturing & Editing Digital Photos</i>	Digital Security - How should we manage the security of images of other people? Digital Responsibility - What are our responsibilities when dealing with images of other people? What is the correct etiquette?
	Sum B	<i>Communicating Info (Personal Statements)</i>	Digital Etiquette - How can we present ourselves on paper for college or employers? Digital Privacy - How do we appear online?
<i>CV Writing</i>			