



Mereworth Community Primary School

Computing - Whole School Overview

"Lasting learning experiences for life"



How Computing is taught at Mereworth

Purple Mash is the main scheme for Computing. Complete all topics in the correct term for each year group.

Online Safety resources come from Project Evolve. These are on TEAMS. These progress across year groups, so they must be completed in the correct term.

Touch typing activities on Purple Mash could be used as introductions, starters or plenaries, where possible.

Early Years Foundation Stage

EYFS	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Technology	Knows how to operate simple equipment, e.g. turns on CD player and uses remote control. Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.	Knows that information can be retrieved from computers.	Completes a simple program on a computer. Uses ICT hardware to interact with age-appropriate computer software.	Children recognise that a range of technology is used in places such as homes and schools.	To select and use technology for particular purposes.	Logging in.

Whole school — online safety and touch typing

Years 1–6		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Whole school	Project Evolve Online safety	Self-Image and Identity	Online Relationships	Online Reputation	Online Bullying	Managing Online Information	Health, Wellbeing and Lifestyle
	Purple Mash	Touch typing practice on 2Type to be used as introductions, starters or for fast finishers throughout the year.					



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		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	Purple Mash	Basic computer skills — logging on, using the mouse, typing, finding key icons, logging off.	Introduction to Purple Mash 3 lessons	Technology around us 4 lessons	Making beats 4 lessons	Creating and following instructions 3 lessons	Animated stories 6 lessons
	Project Evolve	I can recognise that people online may make someone feel sad, embarrassed, or upset.	I can recognise ways the internet can be used to communicate.	I can identify ways to put information on the internet.	I can describe ways that some people can be unkind online.	I can talk about how to use the internet to find information online.	I can identify rules that help keep us safe and healthy at home and beyond when using technology.

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 2	Purple Mash	Coding 6 lessons	Spreadsheets 6 lessons	Route explorers 4 lessons	Questioning 4 lessons	Creating pictures 5 lessons	The internet 4 lessons
	Project Evolve	I can explain how other people may look and act differently online and offline.	I can explain why it is important to be considerate and kind to people online and to respect their choices.	I can describe what information I should not put online without asking a trusted adult first.	I can describe how to behave online in ways that do not upset others and can give examples.	I know/understand that we can encounter a range of things online, including things we like and don't like, as well as things that are real or make-believe/a joke.	I can explain rules to keep myself safe when using technology both in and beyond the home.

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 3	Purple Mash	Coding 6 lessons	Spreadsheets 6 lessons	Branching databases 4 lessons	Route planners 5 lessons	Email 6 lessons	Presentations *TBC
	Project Evolve	I can explain how people can represent themselves in different ways online.	I can explain what it means to 'know someone' online and why this might be different from knowing someone offline.	I can explain how to search for information about others online.	I can describe appropriate ways to behave towards other people online and why this is important.	I can demonstrate how to use key phrases in search engines to gather accurate information online.	I can explain why spending too much time using technology can sometimes negatively affect anyone; I can give examples of both positive and negative activities where it is easy to spend a lot of time engaged.



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		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 4	Purple Mash	Coding 6 lessons	Effective searching 4 lessons	Hardware and software 4 lessons	Logo 4 lessons	Animation 6 lessons	Introduction to AI *TBC
	Project Evolve	I can explain how my online identity can differ from my offline identity.	I can explain how someone's feelings can be hurt by what is said or written online.	I can give examples of what anyone may or may not be willing to share about themselves online. I can explain the need to be careful before sharing anything personal.	I can give examples of how bullying behaviour could appear online and how someone can get support.	I can explain what autocomplete is and how to choose the best suggestion.	I can explain why some online activities have age restrictions, why it is important to follow them and know who I can talk to if others pressure me to watch or do something online that makes me feel uncomfortable (e.g. age-restricted gaming or websites).

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 5	Purple Mash	Coding 6 lessons	Word processing *TBC	Databases 4 lessons	Quizzing 5 lessons	Game creator 5 lessons	Micro: bits 4 lessons
	Project Evolve	I can describe positive ways to interact with others online and understand how this will positively impact how others perceive me.	I can explain the importance of giving and gaining permission before sharing things online, and how the principles of sharing online are the same as sharing offline (e.g., sharing images and videos).	I can explain how some information about anyone online could have been created, copied, or shared by others.	I can describe ways people can be bullied through a range of media (e.g. image, video, text, chat).	I can explain the difference between a 'belief', an 'opinion', and a 'fact' and give examples of how and where they might be shared online, e.g. in videos, memes, posts, news stories, etc.	I can explain how using technology can distract from other things, both positively and negatively.

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 6	Purple Mash	Coding 6 lessons	Spreadsheets *TBC	Graphing 4 lessons	Data detectives 4 lessons	Networks 4 lessons	Digital Literacy skills
	Project Evolve	I can demonstrate how to make responsible choices about having an online identity, depending on context.	I can describe how to be kind and show respect for others online, including the importance of respecting boundaries regarding what is shared about them online and how to support them if others do not.	I can describe ways others can use information about anyone online to make judgments about an individual, and why these may be incorrect.	I can recognise online bullying can be different to bullying in the physical world and can describe some of those differences.	I can explain that not all opinions shared may be accepted as true or fair by others (e.g. monsters under the bed).	I can describe ways technology can affect health and well-being both positively (e.g. mindfulness apps) and negatively.