



Computing

	The teaching of skills	The application of skills	Vocabulary	Online Safety
Underpinned by	Manor Hill pupils will be taught how to use a range of computer software, including programming and coding, word processing and presenting of information, databases, creation of digital artwork and gathering and presenting data.	Manor Hill pupils are given regular opportunities to apply the computing skills and knowledge that they have been taught to support their learning in other curriculum subjects, to further enhance their understanding of using technology safely outside of the classroom.	Manor Hill pupils will understand and use appropriate topic vocabulary, including that associated with programming, e.g. algorithm, debug, input, output, and variable.	Manor Hill pupils learn how to use mobile technology and the internet safely. Online safety is not only taught within computing lessons, but also in designated online safety sessions, an annual Safer Internet Day across the school, PSHE (and other) lessons and assemblies.



Implementation	<p>Curriculum</p> <p>Computing is taught discretely following the progressive Entrust Scheme of Work. Pupils will have the opportunity to work individually and collaboratively and will be encouraged to deepen their understanding by making links in learning to prior teaching. There are also enhanced cross-curricular opportunities at Manor Hill to allow the children further exposure to applying their computing skills to a range of other subjects. This will further impact their application of skills outside of the classroom.</p>	<p>Skills in Computing:</p> <p>Investigating, communicating, interpreting, evaluating, critical thinking, researching, typing, coding, programming, problem solving, reasoning, debugging, presenting, creating, recognising, describing, discussing, explaining, articulating, predicting, modifying, evidencing, reinforcing, interrogating.</p>	<p>External Stimuli:</p> <p>Entrust Scheme of Work is used to teach a broad, progressive curriculum across the school.</p> <p>Project-Evolve is used to reinforce the online safety learning which is organised as a whole-school approach through designated weeks of the year.</p> <p>Safer Internet Day is also explored every February.</p>
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Implementation	<p>Resources: Entrust SOW and progression documents are in place to ensure that pupils develop their knowledge in a systematic and progressive manner. High quality technology resources, including laptops, iPads and floor-programming robots, are used weekly to ensure that the offer for Computing is as rich as possible.</p>		<p>Assessment: Assessment during computing lessons includes informal judgements, next steps, verbal feedback and peer assessments. End of unit assessments are also completed by teachers to assess children meeting the expected standard for that unit. All computing work is stored in each child's Entrust electronic folder or a class floor-book, which both the class teacher and computing subject leader can access.</p>
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Impact	<p>PUPIL VOICE: Children will demonstrate an enthusiastic attitude towards and when applying technology learning. They will be able to apply their skills in school and at home in a safe manner. They will be able to articulate how to stay safe online, both in school and at home, and identify potential risks and how to react to these.</p>	<p>EVIDENCE IN KNOWLEDGE: Pupils know how and why technology is used in the outside world, and in the workplace. They know about different ways that computers can be used.</p>	<p>EVIDENCE IN SKILLS: Pupils use acquired vocabulary in computing lessons. They have the skills to use technology independently, for example accessing age-appropriate software and games in EYFS and using a range of computer software independently in KS1 and KS2.</p>
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