

Computing Curriculum: Whole School Long Term Plan

Key skills are taught according to the following whole school long term plan:

Music	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Grouping and Sorting	Pictograms – Lego Builders	Maze Explorers	Animation Stories	Coding	Tech Outside School
Year 2	Questioning	Coding	Spreadsheets	Effective Searching	Creating Pictures	Making Music and Presenting Ideas
Year 3	Coding	Spreadsheets	Email	Touch Typing	Databases	Simulations and Graphing
Year 4	Logo	Coding	Animation and Effective Searching	Writing for different audiences	Hardware Investigations and Making Music	AI and Microbits
Year 5	Databases	Coding	Spreadsheets	Game Creator	3D Modelling and Concept Maps	Using External Devices
Year 6	Blogging	Coding	Text Adventures	Binary	Quizzing	Networks

E-Safety is taught throughout the year with additional, specific focus days organised for each half-term. Please see the additional page below:

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E-Safety Focus Days

Autumn 1 - General E-Safety and SMART Rules:

What is E-safety? What do we need to be careful of? How can we protect ourselves online?

Autumn 2 - Online Gaming:

What is online gaming? How do we keep ourselves safe in online gaming? What are the do's and don'ts of online gaming? What can happen in gaming? How will gaming help if done right?

Spring 1 - Social Media:

What is social media? Different types? Logo quiz? Age limits on social media? Looking at search engines how they provide information? Positive and negatives of social media.

Summer 1 - Emails and personal data:

What is an email? How do we know an email is safe? What must we do if an email is harmful? What is junk mail? What is personal data? What must I do with personal data? What do I do with others personal data if I have it?

Summer 2 - Anonymity and Viruses:

What is anonymity? What are viruses? Why must we use some kind of anonymity? When may we use it? How may viruses occur? What must we do if we encounter a virus? Digital Footprints.