

Computing Curriculum at a Glance

Your aims and ambitions for the curriculum	Know more, do more and remember more	Curriculum adaptation; Access for all
<p>Our teaching of Computing includes the aspects of Computer Science, Information Technology and Digital Literacy.</p> <ul style="list-style-type: none"> -We have a strong emphasis on online safety, which we cover throughout the year using the scheme 2besafe. -We enable children to use a variety of software to communicate, solve problems, collect and present data and to create programs and animations. - We are well-resourced in ipads and laptops so that each child can use their own device in Computing lessons. 	<ul style="list-style-type: none"> - We use Purplemash as our lead resource to teach Computing. This provides lesson plans and resources for most of the units we teach and the software and online storage of files. - Some units of work focussing on other software is used, such as using Scratch and Microbiits in KS2 to supplement the teaching of coding. This year we are following units of work from Purplemash to teaching PowerPoint and Word. - Plans and resources are available for the whole school to follow. - Computing skills are used across the curriculum through internet research or presenting work in other areas using ICT. Internet safety is also covered in the PSHE curriculum. 	<p>Learning is scaffolded for children though adult support. Adapted tasks are sometimes provided with scaffolded learning for SEN and extension tasks for the more able and gifted children.</p>
Scope and breath of the curriculum	Sequencing of learning, particularly through concepts, vocabulary and skills	CPD (and the impact of it)
<ul style="list-style-type: none"> - Long Term Plan created to ensure that all areas of the curriculum are covered - Knowledge Progression Document created to ensure that all objectives are being taught week by week. - Learning objectives and termly plans are cross examined against the Knowledge Progression - Planning and resources are provided for teachers to follow across school. - The Long term plan and Knowledge Progression document both follow the National Curriculum. 	<ul style="list-style-type: none"> - Long term plan has been created to ensure sequence of knowledge is built upon. Progression document statements are also labelled for each half term and are the learning objectives that need to be covered within each unit on the LTP. - Key vocabulary is covered and recapped every lesson and is shown on PowerPoints. 	<ul style="list-style-type: none"> - Training on AI safeguarding Jan 2026 for teachers. - Training from Purplemash June 2025 – staff are updated in updates to the Computing purplemash curriculum and understand how to access help and the basics of coding. - Filtering and monitoring training on National College 14/09/23 - Purplemash training—on demand video 15/09/23 - Internet safety training—National College 23/09/23 - Online training on using BBC microbit 8/04/24 <p>Impact—More knowledgeable about filtering and monitoring in order to write policy and put procedures and checks in place, brought up to date in matters of internet safety. Knowledge of how to access help in teaching coding and of the new updates on purplemash. Staff kept up-to-date with use and safeguarding in new technological developments.</p>
What to teach and when	Substantive and disciplinary knowledge	Responding to the locality and deliberate enhancements to the curriculum
<p>Computing is taught discretely in an hour long lesson per week. The Long Term Plan clearly demonstrates what teachers should be teaching and when</p> <p>Coinciding with the Long Term Plan, the Knowledge Progression Document links day-by-day, lesson-by-lesson what the children should be doing.</p> <p>Planning and resources provided for teachers gives clear guidance and support to teachers of what to teach. Purplemash provides</p>	<ul style="list-style-type: none"> - All progression document statements are 'to know', and LOs are shared with children in each lesson so they are aware of what knowledge they are going to gain, alongside how this builds on prior knowledge. - There are quizzes on purplemash which can record the children's scores which can be used for recapping learning or assessing children's knowledge. - In every lesson, teachers recap previous learning through targeted 	<ul style="list-style-type: none"> - The Purplemash curriculum has been rewritten in Summer 2025 in response to changes in technology. As a result, we have rewritten our long term plan and some units have changed. Our curriculum now includes teaching on AI, BBC Microbiit at a younger age and more thorough teaching of internet safety throughout the school year.

videos and help guides for each of their units.	questioning, quizzes and other methods.	
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The Computing Curriculum At A Glance

What checks have you completed? What have they told you? What did you do about it? What is the impact of this?

Checks

- 25/02/25 Work Scrutiny – looking at floorbooks – Y1, Y2, Y4.
- 19/03/25 Work Scrutiny – looking at floorbooks – Y3,5,6.
- 27/07/24 Pupil voice – looking at recall.

Findings

- There is growing evidence of computing being recorded in floorbooks. The LTP is being followed across school. 19/03 and 25/02 /25
- Children could recall their learning of how to use programs from earlier in the year. 27/07/24

Actions taken

- A new LTP was written in Summer 2025, following the new Purplemash curriculum.
- Purplemash coding training took place in June 2025 after teachers asked for help with this.
- feedback given from work scrutinies on 19/03 and 25/02 /25 and teachers reminded to record lessons in the floorbooks.

Next steps

- Up-date LTP in the light of the new Purplemash curriculum.