

Computing Vision

Vision: To enable pupils to be digitally literate and use the Internet in a safe and respectful way. To have the knowledge and skills they need to succeed throughout their education and in later life and use computational thinking and creativity to understand and change the world.

Computing Curriculum Intent Overview

Computing is currently undergoing a period of change through the introduction of J2E. The long-term plan has been devised by the computing lead and staff were asked to change any units they felt would be better suited to a different topic. Computing is taught mainly using a thematic approach. Long-term plans identify the context of the learning, whilst medium term plans identify more detailed content and sequences of learning. There is a whole school approach to online safety. The online safety aspect of computing is taught mainly through Computing and PSHE but embedded in other subjects and through assemblies. Objectives from the PSHE curriculum and the Education for a Connected World document have been mapped out to ensure comprehensive coverage. The expectations at each year group are made visible to the pupils through differentiated success criteria.

Key Notes from Last Inspection on 6th July 2022

- A revised curriculum in a small number of subjects, including computing, is at an earlier stage of delivery.
- Leaders have firm plans to provide more training for staff to develop subject knowledge to meet the needs of all pupils in these subjects.
- Leaders should ensure that all subject leaders are able to carry out their roles more effectively so that they are able to further improve the quality of education that pupils receive.
- Subject leaders have the right knowledge and experience to be able to lead their subjects well.
- They do have opportunities to find out how well their subjects are being implemented. However, these opportunities are not always organised well enough for them to build a complete picture of what is going well and what needs to get better.



Marshbrook First School Computing Curriculum 2025 - 2026



Computing Curriculum Implementation Overview

Snapshot of pedagogy across the school – informed by children’s work and learning walks.

Whole school

The Computing leader has developed the long-term plan. This is available from Nursery to Year 4. The Computing lead will work closely with staff to support the implementation of J2E in the coming year. When she goes on maternity leave, another member of staff will be agreed to continue the leadership of this subject with the new headteacher.

In EYFS

The Nursery provision V-tech pads and access to the tablets that are available during continuous provision where programs are put on for the children. Nursery staff are using J2E with the children.

In Reception children have access to tablets in their ‘Technology Table’ area of provision. Where appropriate it is also included in other areas of learning. The children have access to BeeBots in continuous provision. J2E is used where appropriate and across curriculum areas.

In Key Stage One and Two

Computing is usually taught weekly and where possible linked to the topic for that term. The teaching of computing is in the implementation stage as staff work to deliver a new set of plans and software to teach to the children. CPD has been provided and ongoing CPD can be provided throughout the year through Entrust.

Computing Curriculum Impact Overview

Snapshot of positive outcomes across the school – informed by first-hand evidence gathering.

The school is currently navigating a transitional phase as it has just received new hardware, which is anticipated to enhance the Computing curriculum significantly. The implementation of a new scheme of work is underway and staff and pupils are adapting to the changes. Staff have received training to support this transition.

Feedback from pupils indicates a positive engagement with Computing as a subject. Children articulate their thoughts on the relevance and importance of computing skills and demonstrate an enthusiasm.

Snapshot of Expectations by Year Group

Nursery & Reception	Technology All Around Us, Let’s Paint, Let’s Write, All About Instructions, Bee-Bot Programming, Let’s Count and Online Safety
Year 1	Just Paint and Write, Collect Photographs and Paint Pictures, Simple Algorithms and Programs, Online Safety, Gathering Data and Creating Charts and Create Simple Programs
Year 2	Ways to Present Information, Online Safety, Create a Topic-Based eBook, Art of Animation, Sequencing Simple, Algorithms and Programs and Collecting, Organising and Presenting Data
Year 3	Organising, Creating and Presenting, Creating a Branching Database and Interrogating Simple Databases, QR Codes, Write a Program (Block-Based Sequences), Online Safety and Write a Program (Drawing Shapes)
Year 4	What is Computer Technology, Multimedia Fact File, Creating and Interrogating Simple Databases, Scratch Programming from Algorithm to Code, Online Safety and On the Move with Programming

Curriculum Trips & Enrichment Opportunities

Children who access Breakfast club and After School Club are able to use the tablets.

There are opportunities for children to play on TTRockstars to improve and practise their times tables.

Data Headlines – Autumn 2025

	Year 1	Year 2	Year 3	Year 4
Working Below Age Related Expectations	21%	23%	14%	10%
Working at Age Related Expectations	79%	77%	86%	90%
Working at Greater Depth	0%	0%	0%	0%

Pupil Voice – February 2025

When asked what Computing, pupils were able to say it was about being safe online and learning how technology works. KS2 children can talk specifically about what they’ve learnt in Computing such as programming, inputs and outputs, writing dialogues using J2E and saving files. They were able to talk about how Computing had supported their learning in other areas of the curriculum and their favourite topics it had linked too.

The pupils spoke about what they liked in Computing such as using Bee-Bots, learning how computers work and how to stay safe online. They also made suggestions for improvements which have been shared with staff, and we hope to implement these suggestions in next term.