St Martin's CE Primary School

# Computing

January 2026

*Let your light shine*


St Martin's Multi Academy Trust

Updated: January 2026

Review date: January 2027

Let your light shine

St Martin's CE Primary School is a place to thrive. A warm, friendly, and ambitious school where we encourage children, staff, and our wider community to '***let their light shine'*** and in doing so, shine the light of Jesus through our behaviour and actions. We believe that achievement is for all, both personal and academic, and our mission is to equip our children with the knowledge, skills, wisdom, confidence, and self-belief they need to accomplish both.

## Our Christian Values

Respect, Resilience and Compassion




We aim to develop the whole child: spiritually, physically, socially, emotionally, morally and academically, to give them the best possible start in life and value themselves as unique and worthy individuals. We encourage children to have respect and compassion for themselves and others and support them to show resilience when times are difficult. Our approach is distinctly Christian, yet open and welcoming to all, with the promise by Jesus of '*life in all its fullness*' close to our hearts.

# Intent

## Curriculum Intent

Through computing we want our pupils to use digital technology safely and responsibly to help them solve real life problems. We want our pupils to become competent, confident, and creative participants of an increasingly digital world.

## Curriculum Aims

**We want pupils to be able to:**

- Ask questions, discuss, communicate understanding, and revise their ideas
- Use specialist vocabulary
- Understand and clarify what computing is and the importance and value of studying the subject
- Develop age-appropriate knowledge, understanding and skills in terms of computer science, information technology and digital literacy
- Evaluate online content and their own and others' work
- Use technology responsibly and safely
- Pupils will develop their skills and understanding of:

**Computer Science**

Where they will learn to:

- Program, first through physical manipulation, to a pictorial representation of code, to a virtual on-screen manipulative

**Information technology:**

Where pupils will acquire:

- Skills in using core 'office' applications to work with text, multimedia presentations and data analysis, as well as digital media from photography and audio to video, animation, and virtual reality

**Digital literacy:**

Where pupils will develop an understanding of:

- How the internet, the World Wide Web and search engines work
- How to use these and other technologies safely and responsibly

- Achieve age related expectations

# Implementation

## Curriculum Implementation

Early Years

In Early Years there are opportunities to teach computing through guided, adult-led lessons and opportunities for more independent learning during continuous provision.

We will ensure that our pupils receive a broad and balanced, play-based experience of computing through the use of technologies and investigate tools.

Years 1-6

We teach Computing as an explicit subject from Years 1 to 6 using the Rising Stars scheme which covers all strands of the National Curriculum. Pupils are taught three units of Computing over the year. Most units have six sessions, these are taught for one hour per week; however, staff may block these if this supported the delivery of the content.

Each unit has a clear unit outcome. Computing is a creative subject, and pupils apply the skills they have learnt throughout the unit to make digital artefacts, ranging from programs and presentations to virtual models and movies.

## Lesson structure

We want Computing lessons to be an enjoyable experience. We believe that pupils learn best when there is a clear structure and purpose for the learning.

Computing is taught using a knowledge and skills-based approach. Each unit has a clear outcome, providing a clear purpose for the learning. These are identified on the title page and are shared with pupils, and rereferred to purposefully, throughout the topic.

Each lesson begins with a clear learning intention, which is shared with pupils. Learning Intentions are expressed as 'I can' statements (presented on a title page), which teachers use to assess understanding. The teacher's input and learning activities will appropriately match this intention.

Key knowledge and skills are then developed throughout the lesson using supplementary questions along with key vocabulary.

All pupils work on achieving the main learning intention. Those that grasp content and concepts quickly and securely may move onto extension activities to deepen their understanding or allow them to apply their learning.

As the unit progresses the pupil will develop their knowledge and skills. As a result, they will be able to apply all of their learning when completing their unit outcome task.

## Planning and Resources

Each unit employs the same structure. Teachers begin by looking at the unit overview. This provides an at-a-glance overview of what will happen in the unit. It offers practical advice regarding resourcing and teaching of the unit of work. Teachers use this to plan their unit.

Some units may have cross curricular links which provide opportunities to retrieve, practise and embed prior learning.

Throughout the lessons, teachers will make constant reference to the importance of using technology safely and respectfully, keeping personal information private; identifying where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

## Inclusion

We teach Computing to all pupils, whatever their ability. Those working towards expectations will work on tasks that are adapted to suit their needs.

At St Martin's CE, we believe that all pupils have a right to full and equal access to all areas of the curriculum. Quality first teaching is used to ensure all pupils, including those with SEND, are provided with high expectations throughout the curriculum.

By understanding the learning needs and support required for all pupils, including those with SEND, in each cohort, teachers ensure that scaffolds, interventions and learning tools are provided to meet the needs of the individuals across all subjects.

Due to the unique nature of our setting, whereby we have a Resource Base, teachers will work closely with Kingfisher staff to offer appropriate and inclusive provision that meets the needs of pupils who follow a hybrid timetable.

# Impact

## Assessment

Teachers will exploit opportunities to formatively assess pupils' understanding through asking key questions, leading discussions or through direct conversation with pupils to check their understanding and their use of correct vocabulary.

In the Early Years we assess against the Early Learning Goals.

In Years 1-6, each unit is clearly evidenced with a title page, which provides 'I can' statements for each lesson. The 'I can' statements should be constantly referred to throughout the lesson – these are the Learning Intentions. The work produced by the pupils will demonstrate their understanding; the teacher will assess the pupil against these statements following the lesson.

By looking at which 'I can' statements the pupils have achieved, the pupils, teacher and subject leader can quickly determine who is working at age expectations and the knowledge, skills and concepts that require further attention.

## Role of Subject Leader

- Ensure that the statutory requirements of the national curriculum for Computing are met
- Ensure appropriate professional development opportunities are provided for all staff
- Monitor their subject to ensure consistency of approach
- Ensure regular and appropriate assessment of Computing takes place and has a clear overview of who is achieving age related expectations
- Ensure that pupils who are not making enough progress to achieve age related expectations have been identified, and adapt future plans
- Ensure appropriate resources are available
- Engage with outside agencies and online communities to keep up to date and become the expert in their chosen subject in the school