Nun Monkton Foundation Primary School

"Be curious, be brave and believe"

COMPUTING STATEMENT OF INTENT

INTENT

At Nun Monkton Foundation Primary School, we aim to teach children the knowledge and skills they need to leave their primary career as safe, competent and confident users of technology. We will educate children on how to use technology positively, safely and responsibly and provide them with an understanding of what to do in situations that make them feel unsafe online. We will educate children in the use of technology for different purposes with the aim of enabling children to become computational thinkers. Children will be offered both physical and digital opportunities to develop their understanding of computing across different curriculum areas.

IMPLEMENTATION

At our school, we implement the *Teach Computing Curriculum* across Key Stage 1 and Key Stage 2, adapting it to reflect our mixed-age class structure and the need for a rolling, cyclical curriculum. Our approach ensures all pupils access a broad and balanced computing education that builds progressively on prior knowledge, regardless of class configuration from year to year.

Teachers use the *Teach Computing* lesson plans to inform their planning and adapt units to meet the specific needs and developmental stages of the children in their class. Each lesson is clearly structured with defined learning objectives and key vocabulary, and includes opportunities for formative assessment through questioning, discussion, and observation. Summative assessment is built into the curriculum cycle to support tracking of individual progress over time.

Due to our small-school context and mixed-year group classes, we follow a rolling programme where all children progress through the same curriculum cycle each year. The sequence begins with *Computer Systems and Networks*, followed by *Creating Media*, *Programming*, *Data and Information*, and concludes with additional units in *Creating Media* and *Programming*. This ensures continuity and progression across all strands of the curriculum.

The overarching themes of *Online Safety*, *Impact of Technology*, *Effective Use of Tools*, and *Safety and Security* are embedded throughout every unit, rather than being taught in isolation. This ensures children develop not only technical competence but also the critical awareness and digital responsibility required to navigate the online world safely and effectively.

Through this tailored and responsive approach, we ensure that all pupils leave Nun Monkton Primary School as safe, confident, and competent users of technology with the foundational knowledge and skills necessary for future learning and participation in the digital world.

IMPACT

As a result of our thoughtfully adapted computing curriculum at Nun Monkton Primary School, pupils develop into confident, competent, and responsible users of technology. They leave our school equipped with the essential knowledge and skills to thrive in an increasingly digital world.

Through consistent exposure to all areas of the computing curriculum — including computer systems, media creation, programming, and data handling — children demonstrate a secure understanding of key concepts and vocabulary. They can apply their learning across subjects and in real-world contexts, showing the ability to think computationally, solve problems, and use technology purposefully and creatively.

Regular formative and summative assessment allows teachers to monitor progress and address gaps, ensuring all learners, including those with additional needs, make sustained progress from their individual starting points. By revisiting key computing strands through a rolling curriculum, pupils retain and build on their prior knowledge year-on-year.

Children at Nun Monkton Primary School understand how to use technology safely and responsibly. They can articulate strategies for staying safe online and respond appropriately to potential risks. This strong digital awareness is a direct result of our curriculum's embedded focus on online safety and the ethical use of technology.

Ultimately, our pupils transition to the next stage of their education with a strong foundation in computing, a positive attitude towards technology, and the ability to navigate the digital world with curiosity, confidence, and care.

Our Computing teaching and learning supports the following school aims:

- **Enable children to become independent and confident learners; well-rounded characters who are self-aware, reflective and resilient individuals.**
- **Care for and about each other, be courteous and empathetic, showing respect and understanding towards everyone.**
- **Create a safe and stimulating place where children are happy and enthusiastic learners, where they learn how to keep themselves safe and healthy, able to communicate & work in a team, developing confidence and life skills together.**
- **Encourage everyone to have high expectations of themselves and others, supporting and challenging everyone to achieve their best, developing a strong work ethic, self-motivation and taking pride in their achievements.**
- **Enable children to develop an understanding of the wider world through learning and exposure to a variety of cultures, ideas and beliefs, respecting and recognising individuality and diversity.**
- **Provide a wide range of interesting and exciting learning opportunities to enthuse everyone to be lifelong learners, through engagement in a curriculum that instils values for life and prepares pupils for wherever their journey takes them as adults.**