Redbrook Hayes Community Primary School

Computing CURRICULUM STATEMENT

Introduction

At Redbrook Hayes, we understand the critical role that Computing plays in our lives now, and that a strong foundation in this subject will be critical for every child's future. Whilst we cannot foresee how technology will develop into the future, we recognise how essential an understanding of the function and principles of Computing is for our children to be successful in the modern world.

We want our learners to be informed practitioners. Through our curriculum, children will learn to think logically, solve complex problems, and understand how the digital world operates. Beyond technical proficiency, we empower our learners to navigate the online world with empathy, resilience, and a critical mind. They will learn how to keep themselves safe, manage their digital footprints, and use technology as a powerful tool for good.

An Exceptional Student of Computing

At Redbrook Hayes, an exceptional student of computing is someone who approaches the digital world with curiosity and a real sense of excitement. They are resilient problem solvers who don't give up when a program or code doesn't work the first time; instead, they use logic to find a solution. Rather than just using technology, they understand how it works and can use a range of programs effectively to express their ideas. Crucially, they show empathy and responsibility, making smart choices to keep themselves and others safe online.

Planning, Delivery and Organisation

Our Computing curriculum is designed using the Teach Computing scheme from the National Centre for Computing Education (NCCE). This fully meets the requirements of the National Curriculum, ensuring a clear and progressive approach to teaching computer science, information technology, and digital literacy. Key concepts like programming, data, and online safety are revisited each year, steadily building on what the children already know. Rather than using one single platform, we use a variety of software and tools to ensure our children get to experience computing across a range of different devices, mirroring how technology is used in the real world.

Progression

Progression is mapped out using the Teach Computing progression framework. Our teachers reflect against this to ensure lessons are pitched accurately for every year group and that any misconceptions are addressed early in the learning process.

To make sure good progress is being made across the school, we carry out lesson visits, look at children's work, and have informal check-ins with staff throughout the year.

Assessment, Recording and Reporting

We use the Teach Computing assessment system, which is embedded into every lesson. This allows teachers to carry out ongoing formative assessment and ensure that future learning is accurately pitched to meet the needs of all children.

To record and showcase our learning, we use digital floorbooks. These floorbooks capture screenshots of the children's work, photos of practical activities, and pupil voice, giving us a clear record of progress across each unit. This combination of embedded assessment and digital recording helps teachers plan their next steps and is used to report on children's progress.

Supporting Equal Opportunities

At Redbrook Hayes, we are committed to tackling discrimination through every area of the curriculum. Teachers take every opportunity possible to plan to enhance learners' spiritual, emotional, moral and cultural developments.

Every learner explores their journey in Computing together, regardless of their prior attainment, ensuring that all learners have equal opportunities to exceed.

This Computing curriculum statement is supported by the schools Equality and Diversity policy, Safeguarding policy and SMSC provision map.