



LIMITLESS POTENTIAL

IGNITE PASSION

EMBRACE DIFFERENCE

Computing

Intent

At Hazlewood, we will provide children with stimulating, challenging and engaging lessons that **ignite passion** for computing, delivered through a robust curriculum, high quality teaching and relevant resources.

Unlocking **limitless potential** so *all* children become digitally literate – developing a wide range of fundamental skills, knowledge and understanding that will empower our children in preparation for challenges in a 21st century digital world. Ultimately, computing is a subject that not only stands alone but is woven throughout other areas of the curriculum and will be an integral part of all learning. In particular, computing has deep links with literacy, mathematics, science, music and design.

Embrace difference through delivering an inclusive and rigorous scheme of learning for all children regardless of needs, ability or background. We will continue to evaluate and promote our 1:1 iPad scheme with the intention of every child in KS2 having access to their own iPad either through school or parental leasing.

E-Safety is at the forefront of computing and is taken extremely seriously at Hazlewood. Every year group participates in discrete e-safety lessons every half term as well as during national recognition days. However, e-safety remains an ongoing topic of conversation within our classrooms and opportunities are taken to delve deeper into emergent social media trends or crazes to ensure continuous safety and unplanned coverage.

Implementation

We follow a bespoke cross curricular scheme which ensures wide coverage of key stage objectives that are progressive and develop computational thinking, digital literacy and creativity.

The curriculum overview illustrates half termly focuses and learning objectives per year group. These are interchangeable and can be done during any half term throughout year as long as full coverage is achieved by end of year.

Outside of discrete computing lessons, children will use technology across other areas of the curriculum, applying their ever-growing range of skills with growing independence.

Teachers and children will have access to hardware and software needed to develop knowledge and skills of digital systems and their applications.

E-safety is at the heart of computing and necessitates its own curriculum overview which was formulated in partnership with the PSHE curriculum lead to ensure coverage of key themes and topics. Children will explore real world problems drawing on own experiences and challenges.

Strong links between school and home to ensure teachers, parents and carers are consistent and up to date with e-safety information. Computing lead and class teachers will communicate key information with parents via Twitter and or Parentmail.

Computing lead will manage all iPads and keep software up to date and install requested applications. They will also manage iPad restrictions during school time.

Regular, structured conversations with children will take place to ensure we include the pupil's voice in improving the teaching of computing.

Teachers will engage in regular coaching and professional discussions as well as attend relevant CPD, to ensure they are delivering the highest quality computing curriculum possible.

Impact

Computing has a high profile at our school. Our children are confident users of a range of hardware and software and are able use these technologies to accomplish a wide variety of goals.

Our curriculum overview for computing results in fun, engaging and high-quality lessons.

The majority of children's work is evident on Seesaw where children can share and evaluate their work. Other work such as word processing or spreadsheets is evident on our shared network where children have their own files to save to.

Much of the subject-specific knowledge developed in our computing lessons equip pupils with experiences which will benefit them in secondary school, further education and future workplaces.

Our children are diligent learners who value online safety and respect when using their devices and understand its importance in a wider context.