



Love for Computing



Intent:

Our school Key Learning Goals, which have strong links with our Christian Values, outline what we want our children to be like when they leave us in Year 6:

- Resilient Readers and learners
- Constantly curious
- Respectful Global Citizens
- Confident Advocates for the Environment
- Happy and Active for Life

At Leonard Stanley Primary. Children will gain key knowledge and skills in our 4 computing strands:

- Understanding technology
- Digital literacy
- Coding
- Online safety

The learning within each strand supports the development of knowledge and skills across the key stages, ensuring a solid grounding for future learning and beyond.

SEND

We teach an inclusive curriculum that allows children with SEND or who are disadvantaged to have the same opportunities as everyone else. We do this by developing a good understanding of each individual and adapting lessons to ensure that they achieve.

Assessment

Assessment is an ongoing process throughout each lesson with opportunities for misconceptions to be addressed quickly.

Feedback and planning sheets are used by the teacher to assess and inform next steps, as well as End of Unit assessment sheets.

Assessment Data is collated and interpreted using our whole school assessment program, Insight.

Our Curriculum

We want our pupils to have big ambitions and high expectations of themselves. We want the children to work hard and show **resilience** to achieve and be **proud** of their achievements. We have a strong sense of **community** and we aim to create a curriculum that truly meets the needs of our children living in the Stroud Valleys, which is **creative** and provides them with essential knowledge (Cultural Capital) in addition to a **respectful** understanding of **equal opportunities** (protected characteristics), **British Values** and **SMSC** (Social, Moral, Spiritual and Cultural education). We want to drive and shape a curriculum that is inclusive, broad, rich, exciting, and balanced, which enables each individual child to develop academically, emotionally, creatively, socially, physically, and to be **kind**. Our curriculum will enable the children to acquire **knowledge**, express their opinions, reason, and debate-thinking; and apply knowledge and skills learned in a wide range of meaningful contexts.

Implementation

Early Years: In EYFS, computing is embedded within the early learning goals that feed into the programme of study for computing.

Key Stage 1: In Key Stage 1, children are taught a computing strand every term, rotating with other foundation subjects. This approach ensures concise teaching and allows children to develop their knowledge and skills throughout each computing topic. Teachers use the Twinkl Computing Scheme to plan richly linked and engaging contexts that connect to other subjects and topics.

Key Stage 2: In Key Stage 2, Understanding Technology and Digital Literacy are taught within 8 dedicated computing skill sessions. This ensures concise skill teaching, enabling children to use and apply their acquired knowledge and skills across the curriculum. Coding is taught over 4 progressive sessions within our KS2 Curriculum Carousel. Children are taught in small groups to ensure all students can develop their knowledge and skills through focused and concise teaching. Internet safety is taught within PSHE and is supported throughout the year with dedicated e-safety sessions. Additionally, internet safety is discussed through assemblies, police workshops, and themed days such as 'Safer Internet Day'.

Impact

Regardless of background, ability or additional needs, by the time children leave Leonard Stanley Primary School they will:

- Use digital and technological vocabulary accurately, alongside a progression in their technical skills.
- Be confident using a range of hardware and software and will produce high-quality purposeful products.

Children will see the digital world as part of their world, extending beyond school, and understand that they have choices to make. They will be confident and respectful digital citizens going on to live happy and healthy digital lives.