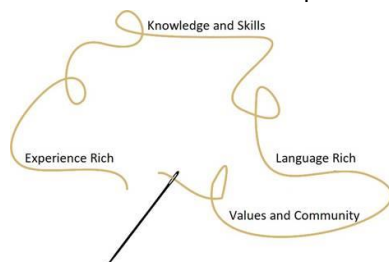




Computing Intent, Implementation & Impact Statement

At Gorse Hill School, we believe in the unlimited potential of every child – that *Every Child Can*. As a result of this, we have carefully designed a curriculum which is underpinned by 4 Golden Threads.



We have carefully chosen our Golden Threads because they are unique to our school context and setting:

- Language rich: Over 60% of our pupils have English as an additional language so it is our intent that our pupils will develop a wide range of subject specific vocabulary and apply this within their learning.
- Knowledge and skills: It is our intent that our pupils will develop mastery across the curriculum as a result of a carefully sequenced curriculum which builds progressively on knowledge and skills.
- Experience rich: Our intent is for every child to be motivated, curious and excited in their learning and across all curriculum areas. Our intent is for our curriculum to provide all children with an invitation to learn and a breadth experiences that enriches their learning and enables them to transfer their skills across all curriculum areas.
- Values and Community: Our intent is for all children to embrace and develop a shared set of values – our school's **CARE Values**. We want all children to understand the communities that they are part of and their developing personal values to prepare them for life in an ever-changing and modern world.

Our Intent for our Computing Curriculum:

At Gorse Hill School, our 4 Golden Threads underpin our curriculum intent enabling our pupils to achieve the following in Computing:

- Develop necessary skills to use computational thinking to understand and change the world;
- Be proficient in online safety to ensure they are aware and practice being safe online and at home;
- To make connections in their learning and to know more, remember more and do more each year leading to academic success and enjoyment in this subject;
- Develop skills in order to acquire, apply and transfer their knowledge across topics;
- To converse with confidence orally and in creating in a range of contexts using subject specific vocabulary.

In line with the National Curriculum, at Gorse Hill Primary School, we ensure that all children are equipped with the necessary skills to use computational thinking and creativity to understand and change the world. Our goal is to give our children a rich range of experiences in computing and online safety to ensure they have the tools to become proficient in these areas, with the ambition of developing lifelong learners who are prepared for further education and future employment.

Implementation:

The National Curriculum is the starting point of our curriculum design. It has been used to drive our curriculum design, in order to ensure the aims of the National Curriculum are met, and it has been used to inform the choices we have made about the content that we teach at Gorse Hill School.

At our school, we ensure that the objectives of the National Curriculum are achieved through the delivery of our own broad, balanced and progressive curriculum. As a school, we use the NCCE's framework to ensure each lesson is sequential and progressive while also adapting the learning and resources to the needs of the children. This ensures that our children are engaged, suitably challenged and the learning is built upon prior attainment. From EYFS to Year 6, we cover the three key strands of Computer Science, Digital Literacy and Information

Technology. As a school, to support our implementation, we have broken down these areas into smaller units of learning - Networks and Systems, Media, Data and information handling and Programming.

In Computing, children develop their age-appropriate computing vocabulary and skills in order to communicate, create and problem solve effectively. Children's previous knowledge and language acquisition in computing and online safety is assessed by teachers as part of normal classroom procedure, through pupil work, class discussions and questioning. This allows teachers to accurately pitch lessons and ensure that children are appropriately challenged and supported at all times.

Although we recognise the incredible opportunities the online world offers, we also understand the potential online dangers associated with technology and accessing the internet and for this reason, online safety is a key component of our provision. We ensure that all children are provided with the tools to use technology in a safe and responsible manner whilst still exploring the opportunities it offers. Online Safety is taught regularly as an introductory activity for **all** Computing lessons as a little and often approach. This ensures that the profile of online safety is continually high throughout the school. To ensure our children are safe online, we cover eight strands of the Online Safety curriculum that is provided by the Education for a Connected World framework (Project Evolve).



As a result of regular online safety teaching, children develop the school's CARE values through their respectful usage of software and hardware while being responsible for their actions online. Furthermore, as a school, we enjoy taking part in Internet Safety Days where children share what they have learned, compete in competitions and prior to Covid-19, embraced the opportunity to work alongside parents in the classroom.

Impact

Our intended impact is that by the time our pupils leave Gorse Hill School, they will have developed:

- A broad range of tools and understanding that enables children to stay safe online and use the internet in a responsible manner;
- A range of skills that can be applied using various hardware and software;
- A wide range of computational vocabulary that enables every children to problem solve and communicate in a digital world;
- A range of skills that enables to them to problem solve and demonstrate curiosity and inquisitiveness;
- Critical thinking skills to develop their own digital creations and problem solve (de-bug).