# Computing and Online Safety Intent, Implementation & Impact Statement

At Drove Primary School we give children "The roots to grow and the wings to fly".
In order to achieve this, we have carefully designed a curriculum which is underpinned by 4 Golden Threads:



## Our Intent for our Design and Technology Curriculum:

At Drove Primary School, our 4 Golden Threads underpin our curriculum intent enabling our pupils to achieve the following in Computing and Online Safety.

At Drove, our Computing intent is to prepare pupils to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technology. We recognise that computing is an important tool in both the society we live in and in the process of teaching and learning. Our vision is for all teachers and learners in our school to become confident users of technology so that they can develop the skills, knowledge and understanding which enables them to use the appropriate resources effectively as powerful tools for teaching & learning.

In line with the National Curriculum, at Drove 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.

<u>Implementation:</u>

At our school, we have implemented a broad and balanced curriculum to ensure that learning is progressive and challenging from Nursery to Year 6. Within Computing, children experience a wide range of opportunities to be creative and innovative with technology within the main strands of Computing: Computer Science, Digital Literacy and Information technology. Pupils use different tools to find, explore, analyse, exchange and present information responsibly and creatively. They learn how to employ computing to enable rapid access to ideas and experiences from a wide range of sources.

In Online Safety, pupils are continually taught about the benefits of online resources, but also the risks they may face when using the Internet and ways to protect themselves. Online Safety rules are embedded into school life and these ensure that all pupils are aware of methods to stay safe online and reporting systems they can use if needed. Parents and the wider community are also included in the implementation of our online safety strategy and we regularly communicate with these groups to ensure that pupils are kept sage online both in and outside of 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. At Drove Primary School, we have adopted a hybrid approach to our curriculum; encompassing the units from the NCCE as well as Purple Mash to give children an experience rich diet.

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 <u>all</u> 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).

| Self-Image and Identity | Online Relationships | Online Reputation | Online Bullying |
| Managing Online Information | Health, Well-being and Lifestyle | Privacy and Security | Copyright and Ownership |

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

At Drove, we use a range of different strategies to measure the impact of our curriculum on pupil attainment and progress in Computing, as well as their knowledge of online risks and their ability to be able to apply this to real life situations. Teachers continuously assess pupil understanding and use this to provide engaging lessons which aim to stretch and challenge every pupil. The impact of our curriculum is proven by children's ability to become 'life-long learners' as well as their capability to be autonomous, independent users of computing who gain confidence and enjoyment from technology.