



TOOTING PRIMARY SCHOOL

COMPUTING

INTENT

At Tooting Primary School, the Intent for Computing is to equip our pupils with the knowledge and skills necessary to become active and responsible participants in the digital world. We believe that Computing plays a vital role in preparing our pupils for their future, and our intent is to provide a high-quality education that ensures they are digitally literate, creative, and competent users of technology.

Our Computing curriculum is designed to foster a lifelong love for learning and exploration in the field of technology. We ensure that the intent encompasses the key elements of computing: computer science, information technology, and digital literacy. Our aim is to instil a sense of curiosity and discovery in our pupils, while also focusing on the importance of online safety, ethical use of technology, and responsible digital citizenship.

IMPLEMENTATION

To implement our Computing curriculum effectively, we have a structured and coherent approach that aligns with the National Curriculum requirements. We have a dedicated Computing lead who oversees the delivery of Computing across the school. They work closely with teachers to ensure the curriculum is relevant, engaging, and progressive.

- **Curriculum Design:** Our Computing curriculum is designed to build on pupils' prior knowledge and skills as they progress through each year group. We follow a progression of learning, ensuring that topics are appropriately sequenced and scaffolding is provided

where necessary.

- **Specialist Teaching:** We provide regular and consistent specialist teaching in Computing to all year groups. Our Computing lead collaborates with teachers to plan and deliver high-quality lessons, incorporating a range of teaching strategies to cater to different learning styles.
- **Cross-Curricular Links:** We recognize the importance of integrating Computing across the curriculum. We actively seek opportunities to embed Computing skills within other subjects, fostering cross-curricular links and allowing pupils to apply their knowledge and skills in real-life contexts.
- **Access to Technology:** Every classroom is equipped with age-appropriate hardware and software resources to support the teaching and learning of Computing. We ensure that all pupils have access to devices and provide opportunities for them to develop digital skills across a range of contexts.
- **Collaborative Learning:** We promote collaborative learning experiences, encouraging pupils to work together and support each other in problem-solving and creative tasks. This approach fosters communication skills, resilience, and teamwork while developing their computational thinking abilities.
- **Real-World Connections:** We provide opportunities for pupils to engage with professionals from the computing industry, taking them beyond the classroom and exposing them to real-world applications of technology. This enhances their understanding of potential future careers and the relevance of Computing in the wider world.

IMPACT

Our Computing provision is evident in the impact it has on our pupils:

1. **Attainment and Progress:** Our pupils consistently achieve high levels of attainment and make excellent progress in Computing. They develop a deep understanding of key concepts, problem-solving skills, and computational thinking abilities, which positively impact their overall academic performance.
2. **Engagement and Enjoyment:** Our pupils are enthusiastic and engaged learners of Computing. They actively participate in lessons, share ideas, and demonstrate a passion for the subject. Their enjoyment is reflected in their motivation to explore and extend their learning independently.
3. **Digital Literacy and Safety:** We empower our pupils to become responsible digital citizens through comprehensive teaching of online

safety and digital literacy. Pupils understand the importance of protecting personal information, demonstrating respectful online behaviour, and critically evaluating information sources.

4. **Creativity and Innovation:** Our pupils develop a range of creative and technological skills through Computing. They are encouraged to think outside the box, take risks, and explore new ideas. This fosters innovation, problem-solving, and the ability to adapt to new technologies and challenges in the digital world.
5. **Future Readiness:** Our Computing provision ensures our pupils are well-prepared for the technological advancements of the future. They have the skills, knowledge, and confidence to navigate the ever-evolving world of technology, opening doors to a wide range of future career opportunities.

In summary, our intent, implementation, and impact statement for Computing in our primary school demonstrate our commitment to providing an outstanding education in Computing. By developing our pupils' digital literacy, problem-solving, and creativity, we equip them to thrive in a digital society and become responsible citizens in an increasingly technological world.