





At Kingsway Primary School, our computing curriculum is designed to integrate a reading-inspired approach that aligns with our core values. By fostering a love for reading within the context of technological exploration, we aim to create a rich, engaging, and inclusive educational experience. Our intent is to develop students' computing skills and digital literacy while promoting togetherness, embracing diversity, fostering a passion for learning, and inspiring continuous growth.

Intent Overview

Our computing curriculum aims to:

- Teach Computing Through Stories and Real-World Contexts**
 We inspire children to explore computing concepts through rich, meaningful contexts linked to high-quality literature. This makes abstract ideas tangible and encourages pupils to see technology as a powerful tool for creativity, problem-solving, and storytelling.
- Promote Togetherness in Digital Learning**
 Our computing curriculum fosters collaboration, encouraging children to work together on coding projects, digital media, and problem-solving tasks. Through shared experiences, pupils develop teamwork, communication, and digital citizenship skills, reflecting *caring about togetherness*.
- Celebrating Diversity in the Digital World**
 We promote positive digital citizenship and explore how technology connects diverse communities globally. Pupils learn to value different perspectives, access a broad range of cultural content, and appreciate the role of computing in addressing global challenges, *thriving on difference*.
- Create a Passion for Safe, Creative, and Purposeful Technology Use**
 Children develop a love for technology by exploring coding, digital media, and online research in engaging, purposeful ways. Through safe and responsible use, they are encouraged to innovate and apply their learning to real-world challenges, demonstrating they are *passionate about learning*.
- Grow as Confident, Responsible Digital Citizens**
 Our curriculum equips children with the knowledge and skills to navigate the digital world safely, creatively, and responsibly. Pupils leave inspired to grow as confident problem-solvers, ethical users of technology, and future-ready digital leaders.

Implementation Strategies through our School Values

We Care about Togetherness 	We Thrive on Difference 
<p>To promote togetherness through computing, we encourage the following behaviours:</p> <ul style="list-style-type: none"> Collaborating on Coding and Digital Projects Pupils work effectively in pairs or teams, sharing ideas, solving problems together, and supporting each other to achieve shared outcomes. Listening Respectfully and Valuing Each Other's Ideas Children take turns to contribute during group discussions and respect different 	<p>To promote thriving on difference through computing, we encourage the following behaviours:</p> <ul style="list-style-type: none"> Exploring and Respecting Different Digital Perspectives Pupils show interest in how technology is used around the world and explore diverse cultural content through digital media. Valuing a Range of Problem-Solving Approaches Children appreciate that coding problems and digital tasks can be solved in different

approaches when working on tasks such as debugging or designing digital content.

- **Helping Others Understand New Concepts**
Pupils offer kind and constructive help to classmates who may be struggling with computing skills, explaining clearly and patiently.
- **Using Technology to Promote Positive Communication**
Children practise responsible digital communication, using kind, supportive language in collaborative online platforms or shared documents.
- **Celebrating Shared Successes in Digital Projects**
Pupils take pride in completing group challenges and recognise everyone's contribution to the final product, whether creating a program, animation, or digital presentation.

ways, celebrating creative and varied solutions.

- **Sharing Personal Experiences and Digital Interests**
Pupils confidently share their own experiences with technology, apps, or digital tools, encouraging others to explore new ideas.
- **Respecting Online Diversity and Promoting Positive Digital Citizenship**
Children demonstrate respectful and responsible behaviour when interacting with others online, recognising and valuing different opinions and cultures.
- **Choosing Diverse Digital Content to Support Learning**
Pupils actively seek out a variety of resources—such as videos, websites, and apps—that reflect different cultures, ideas, and viewpoints.

We are Passionate about Learning



To promote being passionate about learning through computing, we encourage the following behaviours:

- **Showing Curiosity About How Technology Works**
Pupils ask thoughtful questions about digital systems, coding, and how technology impacts the world around them.
- **Eagerly Exploring New Programs and Tools**
Children show enthusiasm when introduced to new software, coding platforms, or digital devices, and are keen to experiment independently.
- **Persevering to Solve Coding and Technical Challenges**
Pupils display resilience when faced with difficult tasks, enjoying the process of trial and error to find solutions.
- **Sharing Excitement About Digital Discoveries**
Children proudly share new skills, apps, or digital creations with classmates, inspiring others to try new things.
- **Applying Computing Skills Beyond the Classroom**
Pupils independently explore digital tools at home or in their free time, using what

We are Inspired to Grow



To promote being inspired to grow through computing, we encourage the following behaviours:

- **Welcoming Feedback to Improve Digital Work**
Pupils actively seek feedback on their coding, presentations, or digital creations and use it to make thoughtful improvements.
- **Setting Personal Goals for Developing Computing Skills**
Children identify areas they want to improve—such as learning a new coding language or improving their digital presentations—and work steadily towards them.
- **Embracing New and More Challenging Technologies**
Pupils show enthusiasm for trying advanced tools and exploring more complex computing concepts, even if they find them challenging at first.
- **Reflecting on Their Digital Learning Journey**
Children recognise and celebrate how their computing skills have developed over time, taking pride in the progress they've made.
- **Applying Computing Skills to Make a Positive Difference**

they've learned in class to pursue personal interests and projects.

Pupils use technology creatively and responsibly to design projects that help others or raise awareness about important issues, demonstrating a desire to make meaningful contributions.

Impact

By the end of their primary education, children at Kingsway Primary School will be:

- **Collaborative and Responsible Digital Citizens**
Pupils leave with the skills to work safely and respectfully with others in digital spaces, using technology to collaborate, communicate, and support shared goals, reflecting *caring about togetherness*.
- **Confident Navigators of a Diverse Digital World**
Children celebrate and explore the diverse ways technology is used across cultures and communities. They appreciate different perspectives and understand the importance of positive online interactions, demonstrating they are *thriving on difference*.
- **Curious and Passionate Digital Explorers**
Pupils develop a lifelong interest in technology, confidently exploring coding, digital media, and new applications. They leave excited to continue learning about how technology shapes their world, showing they are *passionate about learning*.
- **Ambitious and Ethical Innovators Ready to Grow**
Equipped with strong computing knowledge and a growth mindset, pupils are inspired to use technology creatively and responsibly. They confidently tackle new challenges and are motivated to make a positive difference in the digital world, living out the value of being *inspired to grow*.

Monitoring and Evaluation

- **Assessment of Learning:** Regularly assess students' progress in both computing and reading through formative and summative assessments, ensuring that the integration of the two subjects enhances overall learning.
- **Feedback Mechanisms:** Collect feedback from students, parents, and teachers on the effectiveness of the reading-inspired computing curriculum, making adjustments based on this input to continually improve the program.
- **Student Reflections:** Encourage students to reflect on their experiences through journals and discussions, providing insights into how the integration of reading and computing is impacting their learning and growth.

By embedding the values of togetherness, diversity, passion for learning, and growth into our computing curriculum through a reading-inspired approach, we aim to create a rich and inclusive educational experience. This approach not only enhances students' computing skills and digital literacy but also fosters a love for reading, critical thinking, and a strong sense of community, preparing our students to thrive in an interconnected world.