

## **INTENT**

At Hormead School, our Computing curriculum empowers children to navigate and use technology as a tool for learning, creativity, and future careers, all within a safe and responsible framework. Rooted in Christian values, we foster a respectful and secure digital environment where children develop essential skills in Computer Science, Information Technology, Digital Literacy, and Online Safety.

From Early Years to Year 4, our curriculum progressively builds technical competence, ensuring pupils can use technology confidently and ethically. Through engaging lessons—including coding, collaborative digital work, and real-world applications—students learn how technology enhances learning and communication while understanding the potential risks of a connected world.

Online safety is integral to our approach. We embed responsible digital habits across subjects and maintain a strong online safety profile through:

- A progressive online safety curriculum from Early Years to Year 4.
- Clear policies for staff, volunteers, and families, promoting responsible ICT use.
- Regular training for staff and governors.
- Filtering, monitoring, and data security measures to protect all users.

By embedding these principles, we support children in flourishing both academically and personally, preparing them to be responsible digital citizens in an ever-evolving technological world.

## **IMPLEMENTATION**

At Hormead School, we use the Kapow Computing Scheme of Work from Reception to Year 4 to provide engaging, progressive lessons that help all pupils reach their full potential. Rooted in Christian values, our curriculum nurtures curiosity, responsibility, and digital confidence, ensuring children develop essential skills in Digital Literacy, Information Technology, and Computer Science.

## Curriculum Structure

- EYFS: Computing is integrated through play-based learning and guided activities, supporting Early Learning Goals.
- Key Stage 1: Year 1 learns in small groups; Year 2 through whole-class lessons.
- Key Stage 2: Years 3 and 4 follow a rolling programme with weekly one-hour lessons.

## Resources & Cross-Curricular Learning

- Pupils use shared logins and personal folders to store and edit work.
- Computing is embedded across subjects, supporting research, content creation, and digital expression.

## Assessment & Progression

- EYFS: Ongoing observations contribute to end-of-year assessments.
- KS1 & KS2: Teachers assess learning through practical tasks, quizzes, and Kapow's assessment framework.

By integrating Computing across the curriculum and prioritising online safety, we equip children with the skills to flourish in a digital world, using technology creatively, responsibly, and effectively.

## **IMPACT**

Computing at Hormead School fosters confidence, creativity, and digital responsibility, empowering children to flourish in a technology-driven world. With a clear progression of skills, pupils develop independence in using a range of programs and platforms, from guided learning in Key Stage 1 to more autonomous digital work in Key Stage 2.

Our engaging curriculum ensures children see technology not just as a workplace tool but as a means for creativity, collaboration, and innovation. By using platforms accessible at home, such as Google Drive, Scratch, and Virtual Bee-Bots, pupils extend their learning beyond the classroom, sharing knowledge with their families.

Impact is measured through ongoing assessments, pupil discussions, and end-of-year reviews, ensuring that knowledge builds progressively across key stages. By continually refining our approach, we equip children with the skills to thrive both academically and personally, in line with our school's vision.