



Intent

At Great Missenden School, we aspire to walk together in hope along the Great Missenden pathway, guided by our Christian values of Faith and Community, Love and Respect, Truth and Courage. Our Computing curriculum is designed to enable children to use their educational keys to open doors and unlock their full potential, regardless of their starting points, preparing them to thrive in an increasingly digital and fast-paced world.

We value technology as a powerful tool that enhances and enriches teaching and learning across the curriculum. Through Computing, children are encouraged to look through windows into the wider world, gaining insight into how technology connects people globally, supports innovation and shapes modern society. At the same time, they are invited to look in the mirror, reflecting thoughtfully on their role as responsible digital citizens and considering the impact of their choices and actions online.

The safety and wellbeing of our children are paramount. Online safety is an integral part of our Computing provision, ensuring pupils learn how to navigate the digital world safely, respectfully and truthfully. We aim for all children to develop confidence, curiosity and resilience, underpinned by moral responsibility and courage, so they can engage positively with technology now and in the future.

Implementation

Our Computing curriculum follows the Teach Computing Curriculum and is carefully sequenced to ensure progressive development of knowledge, skills and understanding for all learners. Lessons are practical, engaging and inclusive, allowing children to explore technology through meaningful, hands-on experiences such as coding, debugging, digital design and creative media.

Throughout their learning, pupils develop problem-solving skills, computational thinking and perseverance, particularly when challenges arise. They learn to plan, organise and evaluate their work, applying logical thinking across a range of contexts. Creativity and innovation are encouraged, enabling children to express ideas confidently and imaginatively through technology.

Collaboration is central to our approach. Children work together with kindness and respect, learning to lead, listen and contribute positively within a supportive community. Discussion, debate and presentation skills are fostered, helping pupils articulate their thinking clearly and thoughtfully. They are taught how to search for, retrieve and interpret information accurately, developing critical thinking and an appreciation for truth and reliability in digital content.

Online safety is embedded throughout the curriculum, ensuring pupils understand how to protect themselves and others, manage their digital footprint and uphold positive values when interacting online.

Impact

The impact of our Computing curriculum is evident in confident, capable and reflective learners who leave Great Missenden School as competent and safe users of technology. Pupils develop a secure understanding of how technology works and how it can be used creatively and responsibly across a range of contexts.

Our children are passionate coders who thrive on using programming software for different purposes. They leave equipped with essential skills in research, critical thinking, digital creativity and communication, all of which support a successful transition to secondary education and beyond. The experiences they gain in Computing provide strong foundations for future learning, employment and participation in a digital society.

Above all, our Computing curriculum supports the development of global citizens who are ready to face the challenges of an evolving world with courage, integrity and respect. Walking together along the Great Missenden pathway, our pupils are equipped with the skills, values and confidence to shape their futures and use technology as a force for good.