

*“We need technology in every classroom and in every student and teacher’s hand, because it is the pen and paper of our time, and it is the lens through which we experience much of our world.”* David Warlick

At Marcham School we strive to provide our children with rich, hands-on experiences to develop and master the many uses and functions of technology. We wish to equip our pupils with the knowledge and skills needed in our ever-changing digital world. Becoming digitally literate is key for enabling a flourishing future and we want to ensure our children are confident and independent users of technology with a firm understanding of how to use it efficiently and safely.

We follow the guidance laid down in the National Curriculum, which aims to ensure that all pupils can understand, analyse and evaluate principles and concepts of computer science through practical experiences and problem-solving while being responsible, competent, confident and creative users of technology.

The overall structure for the teaching of Computing is recurrent. The same units are covered each year ensuring a progression of skills throughout their school journey with cross curricular links, understanding that technology is integrated into everyday life.

Through their time with us we aim for children to enjoy learning independently and collaboratively to become digitally responsible people.

*“We’re changing the world with technology.”* Bill Gates