



Woodstone Community Primary School

Curriculum Vision Statement for Computing

'A high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world. Computing has deep links with mathematics, science and design and technology, and provides insights into both natural and artificial systems. The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world'.

Through our Computing curriculum our children will develop into responsible, competent and creative users of technology. They will have the opportunity to experience using different types of technology for different purposes.

They will develop skills in computational and logical thinking and become digitally literate. Our children will become responsible citizens who use technology to enrich their lives, find out new things, explore the modern world and express themselves.

They will understand the opportunities and threats provided by the advancement of modern technology and be well equipped to deal with these. They will leave as competent participants in a digital world.