

Computing

Research	Intent	Implementation
<p data-bbox="68 322 507 456">'Computing capability is an essential skill for life and enables learners to participate more readily in a rapidly changing world. '</p> <p data-bbox="68 501 523 779">Computers are now part of everyday life. For most of us, technology is essential to our lives, at home and at work. 'Computational thinking' is a skill children must be taught if they are to be ready for the workplace and able to participate effectively in this digital world.</p> <p data-bbox="68 824 156 851">NAACE</p>	<p data-bbox="560 322 999 495">In line with the 2014 curriculum for computing we intend to provide a high-quality computing education which will equip children with a firm foundation for future learning.</p> <p data-bbox="560 539 1015 817">We recognise that computing has a wealth of transferable skills so aim to engage the children with a range of interesting learning opportunities which are linked to other areas of the curriculum where possible. Key vocabulary will be highlighted where appropriate.</p> <p data-bbox="560 862 1027 1066">When children leave Southwick School they will have gained knowledge and skills in the three main areas of the computing curriculum: e-safety, digital literacy and programming/physical systems.</p> <p data-bbox="560 1111 1027 1245">These will prepare children to participate effectively and safely in the digital world beyond our school and think like a programmer.</p>	<p data-bbox="1054 322 1513 495">At Southwick we follow the NC14 curriculum for computing; this is taught in blocks throughout the year to enable children to achieve depth in their learning.</p> <p data-bbox="1054 539 1513 674">Teachers use the Somerset Computing scheme as a starting point for the planning of computing lessons.</p> <p data-bbox="1054 719 1517 996">As well as a computing suite we also have a class set of ipads and laptops in all classrooms to ensure that all children have the opportunity to use a range of devices and programs for many purposes across the wider curriculum, as well as in discrete computing lessons.</p> <p data-bbox="1054 1041 1497 1137">The implementation of the curriculum a balanced coverage of the three main computing strands.</p>