St. Andrew's CE
Primary School

Curriculum Statement for Computing

Intent	Computing at St. Andrew's CE School intends to develop aspirational children through the use of modern, ambitious and relevant education in Computing. We want to equip our pupils with the ability to use computational thinking and curiosity that will enable them to be active participants in the digital world. There is an increasing wealth of software, tools and technologies, which are used daily to help aid communication and help create a sense of unity. It is important to us that pupils have confidence using technology and that they understand how to use this ever-changing technology to express themselves safely and with respect.
Implementation	At St. Andrew's the computing curriculum follows a two-year rolling programme. Each half-term is based on a main strand of computing. Teachers us the Teach Computing resources to support classroom practice and build upon their teaching knowledge. Computing is taught weekly and classes have access to a wide range of hardware to use. The Teach Computing Curriculum has been created by the National Centre for Computing Education (NCCE). This scheme has been thoroughly tested by teachers, is grounded in the latest research and allows our children to enjoy the full breadth of what computing involves. Computing is taught using a discrete lesson approach to allow the specific skills being taught to be focused on. This is important to allow children to master each skill they encounter. Each unit is focused around a strand which will cover one or more of the National Curriculum statements. The units for key stages 1 and 2 are based on a spiral curriculum. This means that each of the themes is revisited regularly (at least once in each year group), and pupils revisit each theme through a new unit that consolidates and builds on prior learning within that theme. This style of curriculum design reduces the amount of knowledge lost as topics are revisited yearly. It also ensures that connections are made even if different teachers are teaching the units within a theme in consecutive years.
Impact	Through teaching all aspects of the Computing curriculum it will equip our children with the appropriate skills to continue to achieve at Secondary school as well as their adult life, as technology becomes a larger influence on our lives. Children outcomes might take the form of word documents, PowerPoints, charts and graphs, animations, and games.