

Rosebrook Primary School Computing One Page Overview

Intent	Implementation	Impact
<p>Core Purpose:</p> <ul style="list-style-type: none"> • Our computing vision, at Rosebrook Primary School, is that children should be online-safe, online-inspired and online-confident. • We want our pupils to be able to use technology confidently as it is an integral part of our everyday life and will play an immeasurable part in our children’s futures. • We will provide our children with the skills, creativity and enthusiasm to live and thrive in a world increasingly dependent on computing. • We will develop pupils’ understanding of concepts such as generalisation (abstraction), logic, algorithms (used for coding) and data representation. • We will provide opportunities to use technology across the broader curriculum, linking it to other subjects whenever it is possible. • We will ensure that children learn how to stay safe online, especially regarding the use of social media. • Where relevant, computing will be interwoven within the current topic being taught to offer opportunities of greater depth, but made explicit which subject is being taught. • Class teachers will plan from the Computing progression document to ensure the correct skills and knowledge are being taught and prior learning is the starting point. • Our vision will be achieved through teaching the 3 key strands: E-safety, Computer Science and Information Technology. 	<ul style="list-style-type: none"> • Teachers will plan using the Computing progression document. • Computing will be taught every two weeks for one hour. (linked to the overarching topic, if possible) • Termly planning will focus on one of the following strands –Computer Science and Information Technology. E-safety will be taught throughout the year. <p>Assessment</p> <ul style="list-style-type: none"> • Evidence available in floor books and theme books. • Questions are asked by both adults and children to guide how the lesson/sequence of lessons moves forward. • Key performance indicators identified and tracked throughout school. <p>Monitoring</p> <ul style="list-style-type: none"> • Subject Leader to review planning, theme books and quality of lessons over the year linked to the progression document. • Subject Leader action plan identifies priorities for the academic year. • Learning walks carried out and CPD offered where required. 	<ul style="list-style-type: none"> • Children develop their understanding of technology and use it to showcase their learning. • Children have their own logins to save their progress and technology journey. • Increased aspirations, breaking down barriers and widening horizons. • End of term whole school theme gallery that showcases the children’s learning over their topic. Children will be able to share the work that they have created or use computing to help showcase their work. This will show the progression of skills from Early Years to Y6.