

COMPUTING and E-SAFETY at Shelton Junior School

Our COMPUTING curriculum aims to allow pupils to use computational thinking to understand and change the world. Building on their knowledge and understanding they will become equipped to use information technology to create a variety of content. We aim for pupils to become digitally-literate, active participants in the modern world. E-safety has a strong focus throughout the curriculum and children will be taught how to recognise potentials dangers and how to stay safe when connecting electronically with the world.



<p>At Shelton Junior School, our POWER curriculum gives us the</p> <p>Power to achieve our dreams, and the</p> <p>Oracy skills needed to be successful.</p> <p>We are kind to each other and care for our school, community & planet.</p> <p>Everyone is equal and treated with respect.</p> <p>Reading for knowledge and pleasure gives us the POWER to succeed!</p>				<p>Our Shelton Superpowers underpin all aspects of school life as we seek to nurture these qualities in all children in our care:</p> <p>Perseverer - resilience</p> <p>Reflector - reflectiveness</p> <p>Investigator - curiosity</p> <p>Thinker - concentration</p> <p>Collaborator - collaboration</p>	
<p>Power to achieve our dreams</p>	<p>Oracy skills</p>	<p>We are kind and caring</p>	<p>Everyone is equal</p>	<p>Reading</p>	
<ul style="list-style-type: none"> ◆ In school events focussing on an area of computing (e.g. Safer Internet Day.) ◆ Regular opportunities to use computing with lessons. ◆ Clear teacher modelling. ◆ Access to Purple Mash at home. ◆ Holiday project homework to engage parents and pupils. ◆ Computing club. 	<ul style="list-style-type: none"> ◆ Computing terminology ◆ RAG-rating and discussion around vocabulary. ◆ “Sticky” topic vocabulary for each unit. ◆ Opportunities to create presentations to support oracy. ◆ Use of technology to support oracy fluency and opportunities for oracy practise in class. 	<ul style="list-style-type: none"> ◆ Supporting each other during lessons with the tasks. ◆ Looking out for others when online. ◆ Following the e-safety rules when using the computers in school ◆ We are kind and caring when communicating online or on social media at home. 	<ul style="list-style-type: none"> ◆ Everyone has access to computers including visual aids if required. ◆ Suitable learning opportunities for all with a range of challenges and different resources. ◆ Task are open-ended and can have a variety of responses. ◆ In-class teacher and TA support. 	<ul style="list-style-type: none"> ◆ Knowledge of an extensive and rich vocabulary. ◆ The ability to think, reflect, debate, discuss and evaluate their use of technology. ◆ A desire to embrace challenging activities, including opportunities to undertake high-quality research across a range of computing skills. 	
<p>Computing Concepts</p> <ul style="list-style-type: none"> ◆ Information Technology ◆ Digital Literacy ◆ Computer Science ◆ E-safety 				<p>Computing Content</p> <ul style="list-style-type: none"> ◆ E-safety (Digital Literacy) ◆ Spreadsheets and databases (Information Technology) ◆ Coding (Computer Science) ◆ Writing for different audiences (Digital Literacy) ◆ Hardware Investigations (Computer Science) ◆ Networks (Digital Literacy) 	