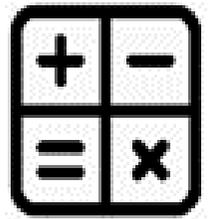


Maths at Shelton Junior School



Our mathematics curriculum aims to nurture a positive attitude and an enjoyment of maths in all our pupils. Mastery of number fluency; rapid, accurate recall and application of knowledge; and use of mathematical vocabulary will enable them to become competent, confident, curious and proficient learners who persevere in seeking solutions when problem solving and reasoning. We intend for our pupils to be able to apply their mathematical knowledge to science and other subjects and to realise that maths is essential for everyday life and to support a deeper understanding of the world around them.

<p>At Shelton Junior School, our POWER curriculum gives us the</p> <p>Power to achieve our dreams, and the</p> <p>Orary 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"> ◆ Daily math lessons which build on previous learning. ◆ Daily Fluent in 5 and TT Rockstars to develop rapid response to questions. ◆ TT Rockstar battles to challenge other classes and key stages. ◆ Mathematician of the week to build perseverance and celebrate success. ◆ 'World Maths' day 	<ul style="list-style-type: none"> ◆ Exploration of vital mathematical language to be used appropriately during maths lessons (addend, sum, etc.) ◆ Building on number sense and times table knowledge to implement across school. ◆ 'Learning Journey' working walls focused on vocabulary ◆ Ensuring pupils have scaffolds when solving problems. 	<ul style="list-style-type: none"> ◆ Learning about the maths supports all of the children in their daily life. Math skills are transferable and build on previous knowledge and understanding. ◆ Recognition of achievements of pupils at Shelton across the school and against other schools across the UK. 	<ul style="list-style-type: none"> ◆ All children have access to the Math Curriculum in school. ◆ All children should have access to manipulatives during their learning. ◆ In-class and TA support ◆ Correct vocabulary throughout ◆ Celebration of Mathematical success inside and outside of school. 	<ul style="list-style-type: none"> ◆ Children need to have a clear understanding when reading problems and must understand how to calculate questions correctly. ◆ Children will be taught how to solve problems through high quality first teaching. ◆ Current mathematic language will be used in every lesson. 	
<p>Math Concepts</p> <ul style="list-style-type: none"> ◆ Coherence ◆ Representations and structures ◆ Fluency ◆ Number sense ◆ variation 				<p>KS2 Math Content</p> <ul style="list-style-type: none"> ◆ Number and place value ◆ Addition, subtraction, multiplication and division ◆ Fractions ◆ Measurement ◆ Properties of shape, position and direction ◆ Statistics 	