



All Saints Maths Curriculum

At family. Uniquely made and loved by God

Intent

At All Saints Laxfield, we believe that mathematics equips pupils with a powerful set of tools to understand everyday life, so they are able to appreciate the world around them. These tools include logical reasoning, problem solving and the ability to think in abstract ways. Therefore, the intention for mathematics is to ensure that all pupils become fluent, reason mathematically and solve problems. Mathematics is important in everyday life. It is integral to all aspects of life and, with this in mind, we endeavour to ensure children develop a healthy and enthusiastic attitude towards mathematics that will stay with them throughout school and into their future.

Key concepts:

Number and Place Value; Addition, Subtraction, Multiplication and Division; Fractions (including decimals and percentages); Measurement; Geometry: Properties of Shape; Geometry: Position and Direction; Statistics; Ratio and Proportion; and Algebra.

Implementation Making mathematics come alive.

Mathematics links to a vast variety of subjects across the curriculum: History, Art and Geography. The close link between mathematics and science enables children to develop understanding of the real world using both their knowledge of science and mathematics, strengthening their understanding across a variety of areas. Each key concept is studied throughout the year using small steps to ensure pupils look at the area in depth. All learning objectives are taught and revisited throughout the year, enabling children to develop their skills and confidence to ensure a positive attitude of the subject, so real world connections can be established. Maths Meetings and Can You Stills provide children with opportunities to recap previously taught areas, whilst arithmetic tests ensure pupils are confident with a range of methods. Within each of the aforementioned concepts, children will develop their skills in fluency and calculation; reasoning; and problem solving. In all these areas, children will be encouraged to represent the mathematics visually so they can move through these three areas (concrete, pictorial and abstract) to ensure confidence and positive attitudes towards mathematics. In EYFS, we place a significant emphasis on developing a strong grounding in number as this will allow them to excel in the subject as they navigate through school.

Impact Assessment

Assessment is continuous and evidenced through the use of our marking policy. Teachers carry out formative assessment in each session, with feedback coming verbally and through marking. Teachers then use this information to influence their planning and offer timely interventions when required. Teachers use a range of low-stake testing throughout the year including Can You Stills and arithmetic tests in KS2. Summative assessment is completed at the end of each term through the use of Government and NFER tests. Both reasoning and arithmetic knowledge will be assessed in order to decide whether a child is working towards, at expected or working above the expected standard.

