

Curriculum Area: Mathematics

<p>Duke of Lancaster Vision</p>
<p>Duke of Lancaster will provide students with an outstanding <i>holistic, ambitious, diverse, and thoughtfully planned</i> curriculum. The school will deliver <i>learning opportunities both in the classroom and beyond</i> to support the development of everyone's <i>social, emotional, and academic skills and knowledge</i> to create <i>freedom of choice for all</i> and the capabilities to lead <i>fulfilling lives with independence, success, and confidence</i>.</p>
<p>Curriculum Intent Statement</p>
<p>At Duke of Lancaster, children are aware of the importance of Mathematics in everyday life because, as well as teaching the National Curriculum objectives for each year group, we embed maths within engaging cross-curricular projects. We aim to encourage all pupils to use their maths skills purposefully and recognise the importance of these skills within the tasks that they complete.</p> <p>We want our children to enjoy learning maths, which comes through a growing belief in their own ability to achieve successfully within the challenges they undertake. In maths, we believe this is achieved when children are confidently fluent in their understanding of number and in their calculation skills. With this confidence, they can apply what they know to reason and explain their thinking and to solve problems, developing mastery and accessing higher levels of understanding. Confidence in number sense forms a solid foundation when accessing all areas of the maths curriculum.</p> <p>We want the children of Duke of Lancaster to view maths as absorbing, creative and valuable – with a passion to explore the world of numbers, using it purposefully to solve and engage with problems and tasks. Lessons and schemes of learning will be expertly planned to address a child's needs and areas for development.</p>