



BISHOP LONSDALE CHURCH OF ENGLAND PRIMARY SCHOOL AND NURSERY



John 14:6: Jesus said, "I am the way and the truth and the life."

Our School believes in;

- **Enabling everyone to reach their full potential**
- **Developing a love for learning and a desire to achieve**
- **Encouraging everyone to become independent and confident, with a belief in themselves**
- **Promoting Christian values and respecting diversity**

Becoming **I**ndependent **S**uccessful **H**onest **O**pen-Minded People

Maths

Value	Nursery/Reception	Year 1 & 2	Year 3 & 4	Year 5 & 6
Enabling everyone to reach their full potential	Through maths we develop a deep-rooted understanding of number with a focus on the five principles of: stable order, one-to-One Correspondence, cardinality, abstraction and order irrelevance. Staff ask questions to promote mathematical thinking. For example, adults within the setting may frequently say statements aloud for the children to hear, such as, 'How many children are playing in this area? 1,2,3,4... There are four children playing in this area'. To support this principle further, adults help children to understand that anything can be counted, not just objects, but actions like jumps or claps also.	White Rose Power Maths mastery approach values real understanding and richer, deeper learning above speed. It sees all children learning the same concept in small, cumulative steps, each finding and mastering challenge at their own level. The lesson sequence offers many opportunities for children to deepen and broaden their learning through the sections: Discover, share, think together, practice and reflect. For each year group, the curriculum is broken down and a unit divides into smaller learning steps – lessons. Step by step, strong foundations of cumulative knowledge and understanding are built. Children often work with others in pairs, groups or as a whole class to support maths talk and discussion. We use different group structures to add variety and challenge. For example, children take timed turns for talking or work independently alongside a 'discussion buddy'.		



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<p>Developing a love for learning and a desire to achieve</p>	<p>We support the love of mathematical development through providing opportunities for children to learn and strengthen their core knowledge and understanding of mathematical concepts in lessons, games, outdoor activities, role play, songs/rhymes books, and by immersing them in visual representations throughout the setting. Children celebrate their successes in weekly worship green awards and end of year awards.</p>	<p>White Rose Power Maths resources support developing a love for learning and a desire to achieve by using a range of hands on resources and representations. Children develop a sense of independent challenge when they work through the 'TT Rockstars' on line games. They have fun whilst mastering the times tables. The engaging gamification and motivating rewards boost confidence and adapts to each child's unique learning needs. Children celebrate their successes in weekly worship green awards and end of year awards.</p>
<p>Encouraging everyone to become independent and confident, with a belief in themselves</p>	<p>During maths lessons we acknowledge all contributions positively, encourage learning from mistakes and welcome wrong answers as the springboard to new understanding. We use positive language and encourage independent and small group learning through hands on activities. We value different approaches to solving problems and understand that children work and think mathematically in their own unique way.</p>	<p>At the heart of <i>Power Maths</i> is a unique lesson sequence designed to empower children to understand core concepts and grow in confidence. We use a 'Concrete-Pictorial-Abstract (C-P-A)' approach and, <i>Power Maths</i> allows children to tackle concepts in a tangible and more comfortable way.</p>
<p>Promoting Christian Values and respecting diversity</p>	<p>In maths lessons we develop perseverance and develop a mind set to not give up. We teach children to respect other people's opinions in maths even if we do not agree with their mathematical responses. When working alongside each other children develop trust, truthfulness and wisdom. In maths we develop courage to speak out and show our mathematical thinking in front of others.</p>	