Maths at The Mead Primary School

Our maths curriculum is underpinned by a mastery approach. WhiteRose Maths and Mastering Number provide frameworks for our maths curriculum.

Year group	T1	T2	T3	T4	T5	T6
Nursery	Responds to number rhymes and songs. Realises that not only objects but anything can be counted (steps, claps, jumps etc). Know that a group of things changes in quantity when something is added or taken away. Use mathematical language such as more, fewer, a lot, less in play and routines.					
	▫ **Number:** Oral counting to 3. Count 3 objects. ▫ **Shape, space and measurement:** Sort and match shapes and colours. Begin to explore patterns.		▫ **Number:** select the correct number of objects when asked. Subitise to 3. Count 5 objects. Oral counting to 5 and beyond ▫ **Shape, space and measurement:** Use language of shape. Begin to use positional language.		▫ **Number:** Count to 5 and back to 0. Oral counting to 10 and beyond. Begin to match numerals 0-5 with the correct number of objects. ▫ **Shape, space and measurement:** Identify objects which are heavier, lighter, longer, shorter and taller. Attempt to make a repeating pattern.	
YR	Conservation – knowing the number of objects is the same even if arranged in a different way (up to 10 objects) Select, rotate and manipulate shapes to develop spatial reasoning skills. Compose and decompose shapes so that children recognise a shape can have other shapes within it. Copy and repeat different patterns. Compare length, weight and capacity.					
	▫ **Number:** Explore the composition of numbers within 5. Compare sets of objects and use the language of comparison.		▫ **Number:** Develop subitising and counting skills and explore the composition of numbers within and beyond 5. Identify when two sets are equal or unequal and connect two equal groups to doubles. Begin to connect quantities to numerals		▫ **Number:** Consolidate counting skills, counting to larger numbers and developing a wider range of counting strategies. Secure knowledge of number facts through varied practice.	
Y1	▫ **Number:** Place value (within 10). Addition and subtraction (within 10) ▫ **Geometry:** Shape.		▫ **Number:** Place value (within 20). Addition and subtraction (within 20). Place value (within 50) ▫ **Measurement:** ▫ Length and height. Mass and volume.		▫ **Number:** Multiplication and division. Fractions. Place value (within 100). ▫ **Geometry:** Position and direction. ▫ **Measurement:** Money. Time.	
Y2	▫ **Number:** Place value. Addition and Subtraction ▫ **Geometry:** Shape.		▫ **Number:** Multiplication and division ▫ **Measurement:** Money. Length and height. Mass, capacity and temperature.		▫ **Number:** Fractions. ▫ **Measurement:** Time. ▫ **Statistics** ▫ **Geometry:** Position and direction	

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Y3	▫ **Number:** Place value. Addition and Subtraction. Multiplication and division	▫ **Number:** Multiplication and division. Fractions. ▫ **Measurement:** Length and perimeter. Mass and capacity.	▫ **Number:** Fractions. ▫ **Measurement:** Money. Time. ▫ **Geometry:** Shape. ▫ **Statistics**
Y4	▫ **Number:** Place value. Addition and subtraction. Multiplication and division. ▫ **Measurement:** Area.	▫ **Number:** Multiplication and division. Fractions. Decimals. ▫ **Measurement:** Length and perimeter.	▫ **Number:** Decimals. ▫ **Measurement:** Money. Time. ▫ **Statistics** ▫ **Geometry:** Shape. Position and direction.
Y5	▫ **Number:** Place value. Addition and subtraction. Multiplication and division. Fractions.	▫ **Number:** Multiplication and division. Fractions. Decimals and percentages. ▫ **Measurement:** Perimeter and area. ▫ **Statistics**	▫ **Number:** Decimals. Negative numbers ▫ **Geometry:** Shape. Position and direction ▫ **Measurement:** Converting units. Volume.
Y6	▫ **Number:** Place value. Addition, subtraction. multiplication and division. Fractions ▫ **Measurement:** Converting units.	▫ **Number:** Ratio. Algebra. Decimals. Fractions. decimals and percentages ▫ **Measurement:** Area, perimeter and Volume. ▫ **Statistics**	▫ **Geometry:** Shape. Position and direction. ▫ **Number:** Place value. Addition, subtraction, multiplication and division. Fractions, decimals and percentages.