



EMNETH ACADEMY LONG TERM PLANNING
Maths– Subject Overview

Subject		Maths				
Leader		Louise Shanks				
ACADEMIC YEAR		2021/22				
Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	<p>Number Recognise up to 3 objects without having to count them (subitising). Solve real world problems with numbers up to 5 Subitise (5 then 10) Selects the correct numeral to represent 1 to 5, Shape, Space & Measure/ Number Patterns Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'. Make comparisons between objects relating to size, length, weight and capacity</p>	<p>Number Adding and subtracting (5 then 10). Explore the composition of numbers to 10 Shape, Space & Measure/ Number Patterns Can describe their relative position such as 'behind' or 'next to' Talk about and explore 2D and 3D shapes Uses everyday language related to time. Orders two or three items by length or height.</p>	<p>Number Count objects, actions and sounds (to 10 and beyond) Compare numbers inc more than, fewer, same (up to 5 and then 10) Finds the total number of items in two groups by counting all of them. Explore the composition of numbers to 10 inc number bonds, Finds one more or one less from a group of up to five objects, then ten objects.</p>	<p>Number Explore the composition of numbers to Compare numbers inc more than, fewer, same (up to 5 and then 10) Counts an irregular arrangement of up to ten objects Have a deep understanding of number to 10, Shape, Space & Measure/ Number Patterns Select, rotate and manipulate shapes in order to develop spatial reasoning skills</p>	<p>Number Count reliably with numbers 1-20 Place number 1-20 in order Estimates how many objects they can see Have a deep understanding of number to 10, Verbally count beyond 20, number bonds to 10, including double facts Shape, Space & Measure/ Number Patterns Compare quantities up to 10</p>	<p>Number Count reliably with numbers 1-20 Place number 1-20 in order Estimates how many objects they can see Have a deep understanding of number to 10, Verbally count beyond 20 Number bonds to 10, including double facts In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting (5 then 10)</p>

	Talk about and identify patterns		<p>Estimates how many objects they can see and checks by counting them. Subitise (5 then 10)</p> <p>Shape, Space & Measure/ Number Patterns</p> <p>Orders two items by weight or capacity</p> <p>Orders two or three items by length or height.</p> <p>Uses everyday language related to time.</p>		<p>They solve problems, including doubling, halving and sharing</p> <p>a</p> <p>Shape, Space & Measure/ Number Patterns</p> <p>Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</p>
1	<p>Power Maths</p> <p>Number and place value Addition and subtraction Properties of shape</p>		<p>Power Maths</p> <p>Number and place value Addition and subtraction Measurement</p>		<p>Power Maths</p> <p>Multiplication and division Fractions Position and direction Number and place value Measurement</p>
2	<p>Power Maths</p> <p>Number and place value Addition and subtraction Measurement Multiplication and division</p>		<p>Power Maths</p> <p>Multiplication and division Statistics Measurement Properties of shape Fractions</p>		<p>Power Maths</p> <p>Position and direction Addition and subtraction Measurement</p>

3	<u>AET Maths</u> 1. Investigating number systems 2. Pattern sniffing 3. Solving calculation Problems	<u>AET Maths</u> 4. Generalising Arithmetic 5. Exploring Shape 6. Reasoning with measures	<u>AET Maths</u> 7. Discovering Equivalence 8. Reasoning with fractions	<u>AET Maths</u> 9. Solving number problems 10. Investigating statistics	<u>AET Maths</u> 11. Visualising shape 12. Exploring change 13. Proportional Reasoning	<u>AET Maths</u> 14. Describing position 15. Measuring and estimating
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