

Numeracy Medium Term Plan – Spring 1

Sequence of learning 1 Money	Focus: Number/Measurement/Geometry/Stats	Theme: calculation, money, counting and ordering, place value, addition, 2d shape etc.	Outcome: Chn will be able to combine coins to make given amounts and use their knowledge of coins and money to solve problems including addition and subtraction.
ORAL/MENTAL OBJECTIVES: To add single digit numbers mentally. To subtract single digit numbers mentally. To add tens to any 2 digit number mentally. To subtract tens from any 2 digit number mentally.	NUMBER/MEASUREMENT?GEOMETRY/STATS OBJECTIVES: <ul style="list-style-type: none"> To recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value To find different combinations of coins that equal the same amounts of money. To solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change 	KEY VOCAB TO BE USED: Money Coin Note Pound Pence Addition Subtraction Total Change Combination	
ORAL/MENTAL SUCCESS CRITERIA: I can add single digit numbers mentally. I can subtract single digit numbers mentally. I can add tens to any 2 digit number mentally. I can subtract tens from any 2 digit number mentally.	NUMBER/MEASUREMENT/GEOMETRY/STATS SUCCESS CRITERIA: <ul style="list-style-type: none"> To can recognise symbols for pounds (£) and pence (p) I can combine amounts of coins to make a particular value I can find different combinations of coins that equal the same amounts of money. I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change 	TOPIC LINKS: George’s MM: How much do the different ingredients cost? How much pocket money does he have to spend? Inc problems with totals of shopping list, change from an amount etc.	
Sequence of learning 2 Money	Focus: Number/Measurement/Geometry/Stats	Theme: money, counting and ordering, place value, addition,	Outcome:

		subtraction, 2d shape, etc.	
<p>ORAL/MENTAL OBJECTIVES:</p> <p>To recall multiplication facts for the 2 times table.</p> <p>To recall multiplication facts for the 5 times table.</p> <p>To recall multiplication facts for the 10 times table.</p> <p>To recall division facts for the 2 times table.</p> <p>To recall division facts for the 5 times table.</p> <p>To recall division facts for the 10 times table.</p>	<p>NUMBER/MEASUREMENT/GEOMETRY/STATS OBJECTIVES:</p> <ul style="list-style-type: none"> To identify and describe the properties of 2-D shapes, including the number of sides, corners and line symmetry in a vertical line To identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces To identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] To compare and sort common 2-D and 3-D shapes and everyday objects 	<p>KEY VOCAB TO BE USED:</p> <p>2D</p> <p>3D</p> <p>Side</p> <p>Corners</p> <p>Edges</p> <p>Vertices</p> <p>Faces</p> <p>Symmetry</p> <p>(all 2D and 3D shape names)</p> <p>Compare</p> <p>Sort</p>	
<p>ORAL/MENTAL SUCCESS CRITERIA:</p> <p>I can mentally recall multiplication facts for the 2 times table.</p> <p>I can mentally recall multiplication facts for the 5 times table.</p> <p>I can mentally recall multiplication facts for the 10 times table.</p> <p>I can mentally recall division facts for the 2 times table.</p> <p>I can mentally recall division facts for the 5 times table.</p> <p>I can mentally recall division facts for the 10 times table.</p>	<p>NUMBER/MEASUREMENT/GEOMETRY/STATS SUCCESS CRITERIA:</p> <ul style="list-style-type: none"> I can identify and name 2D shapes. I can describe the properties of 2D shape including sides and line of symmetry. I can identify and name 3D shapes. I can describe the properties of 3D shape including edges, faces and vertices. I can identify 2D shapes on the surface of 3D shapes. I can compare and sort common 2D and 3D shapes. 	<p>TOPIC LINKS:</p>	
<p>Sequence of learning 3</p> <p>Multiplication and Division</p>	<p>Focus:</p> <p>Number/Measurement/Geometry/Stats</p>	<p>Theme: money, counting and ordering, place value, addition, subtraction, 2D 3D shape etc.</p>	<p>Outcome: Chn will be able to solve multiplication and division problems.</p>
<p>ORAL/MENTAL OBJECTIVES:</p>	<p>NUMBER/MEASUREMENT?GEOMETRY/STATS OBJECTIVES:</p>		<p>KEY VOCAB TO BE USED:</p>

<p>To recall multiplication facts for the 2 times table. To recall multiplication facts for the 5 times table. To recall multiplication facts for the 10 times table. To recall division facts for the 2 times table. To recall division facts for the 5 times table. To recall division facts for the 10 times table.</p>	<ul style="list-style-type: none"> • To calculate mathematical statements for multiplication within the multiplication tables using the multiplication (\times) and equals (=) signs • To calculate mathematical statements for division within the multiplication tables using the division (\div) and equals (=) signs • To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. • To show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. • To mentally recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. 	<p>Mutlplcation Division Times tables</p>
<p>ORAL/MENTAL OBJECTIVES:</p> <p>To recall multiplication facts for the 2 times table. To recall multiplication facts for the 5 times table. To recall multiplication facts for the 10 times table. To recall division facts for the 2 times table. To recall division facts for the 5 times table. To recall division facts for the 10 times table.</p>	<p>NUMBER/MEASUREMENT?GEOMETRY/STATS OBJECTIVES:</p> <ul style="list-style-type: none"> • To calculate mathematical statements for multiplication within the multiplication tables using the multiplication (\times) and equals (=) signs • To calculate mathematical statements for division within the multiplication tables using the division (\div) and equals (=) signs • To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. • To show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. • To mentally recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. 	<p>KEY VOCAB TO BE USED:</p> <p>Mutlplcation Division Times tables</p>
	<ul style="list-style-type: none"> • 	

Evaluation of sequence of learning 1:

Evaluation of sequence of learning 2:
Evaluation of sequence of learning 3: