

Numeracy Medium term planning with differentiation. Class 1 Year 1.

Autumn A 2019

Activities and groups adapted as necessary following ongoing formative assessments.

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
<p>Week 9 4th Nov - 8th Nov</p>	<p>Geometry: Shape</p>	<p>Counting forwards/backwards below 20.</p> <p>Read numerals 1-20</p>	<p>Limit shapes to Cube, Pyramid, Sphere, cuboid</p> <p>3-Shapes Varied fluency</p> <p>Match/Circle shapes to match its name (cube, cuboid, pyramid, sphere)</p> <p>Complete sentences to describe models, ie There are ___ cuboids.</p> <p>Sort 3D Shapes into hoops, which ones will roll/stack/etc.</p> <p>Circle the odd one out</p> <p>Reasoning and Problem Solving</p> <p>Use of a feely bag to describe shape.</p> <p>Build towers out of 3D shapes and describe what shapes are best.</p> <p>Describe how shapes have been sorted.</p>	<p>Limit shapes to Cube, Pyramid, Sphere, cuboid</p> <p>3-Shapes Varied fluency</p> <p>Match/Circle shapes to match its name (cube, cuboid, pyramid, sphere)</p> <p>Complete sentences to describe models, ie There are ___ cuboids.</p> <p>Sort 3D Shapes into hoops, which ones will roll/stack/etc.</p> <p>Circle the odd one out</p> <p>Reasoning and Problem Solving</p> <p>Use of a feely bag to describe shape.</p> <p>Build towers out of 3D shapes and describe what shapes are best.</p> <p>Describe how shapes have been sorted.</p>	<p>Shapes including: cube, cylinder, cuboid, pyramid, cone, sphere</p> <p>3-Shapes Varied fluency</p> <p>Match/Circle shapes to match its name (cube, cylinder, cuboid, pyramid, cone, sphere)</p> <p>Complete sentences to describe models, ie There are ___ cuboids.</p> <p>Sort 3D Shapes into hoops, which ones will roll/stack/etc.</p> <p>Circle the odd one out</p> <p>Reasoning and Problem Solving</p> <p>Use of a feely bag to describe shape.</p> <p>Build towers out of 3D shapes and describe what shapes are best.</p> <p>Describe how shapes have been sorted.</p>	<p>Shapes including: cube, cylinder, cuboid, pyramid, cone, sphere</p> <p>3-Shapes Varied fluency</p> <p>Match/Circle shapes to match its name (cube, cylinder, cuboid, pyramid, cone, sphere)</p> <p>Complete sentences to describe models, ie There are ___ cuboids.</p> <p>Sort 3D Shapes into hoops, which ones will roll/stack/etc.</p> <p>Circle the odd one out</p> <p>Reasoning and Problem Solving</p> <p>Use of a feely bag to describe shape.</p> <p>Build towers out of 3D shapes and describe what shapes are best.</p> <p>Describe how shapes have been sorted.</p>

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 10 11 th Nov - 15 th Nov	Number: Place Value	Counting forwards/backwards below 20. Read/Write numerals 1-20	<i>All within numbers 1-10</i> <u>Count forwards and backwards</u> Varied fluency: Count how many different items there are in a group. Complete number tracks in picture, numbers and words. Fill in the missing numbers. Count forwards and backwards Reasoning and problem solving: How many ways can they represent a number? Match animals and objects Spot the mistakes <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-10</i> <u>Count forwards and backwards</u> Varied fluency: Count how many different items there are in a group. Complete number tracks in picture, numbers and words. Fill in the missing numbers. Count forwards and backwards Reasoning and problem solving: How many ways can they represent a number? Match animals and objects Spot the mistakes <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> <u>Count forwards and backwards</u> Varied fluency: Count how many different items there are in a group. Complete number tracks in picture, numbers and words. Fill in the missing numbers. Count forwards and backwards Reasoning and problem solving: How many ways can they represent a number? Match animals and objects Spot the mistakes <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> <u>Count forwards and backwards</u> Varied fluency: Count how many different items there are in a group. Complete number tracks in picture, numbers and words. Fill in the missing numbers. Count forwards and backwards Reasoning and problem solving: How many ways can they represent a number? Match animals and objects Spot the mistakes <i>Independently beginning to apply mental methods.</i>

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 11 18 th Nov – 22 nd Nov	Number: Place Value	Counting forwards / backwards below 20. Read/Write numerals 1-20	<p><i>All within numbers 1-10</i></p> <p><u>One More / One Less</u> Varied fluency:</p> <p>Generate a number and find one more and one less</p> <p>Complete number tracks in picture, numbers and words.</p> <p>Reasoning and problem solving:</p> <p>Spotting mistakes.</p> <p><u>1to1 Correspondence</u> Varied fluency:</p> <p>Drawing line to match objects with one another. Are there too many, not enough or just right?</p> <p>Reasoning and problem solving:</p> <p>True or False</p> <p><i>Independently beginning to apply mental methods.</i></p>	<p><i>All within numbers 1-10</i></p> <p><u>One More / One Less</u> Varied fluency:</p> <p>Generate a number and find one more and one less</p> <p>Complete number tracks in picture, numbers and words.</p> <p>Reasoning and problem solving:</p> <p>Spotting mistakes.</p> <p><u>1to1 Correspondence</u> Varied fluency:</p> <p>Drawing line to match objects with one another. Are there too many, not enough or just right?</p> <p>Reasoning and problem solving:</p> <p>True or False</p> <p><i>Independently beginning to apply mental methods.</i></p>	<p><i>All within numbers 1-20</i></p> <p><u>One More / One Less</u> Varied fluency:</p> <p>Generate a number and find one more and one less</p> <p>Complete number tracks in picture, numbers and words.</p> <p>Reasoning and problem solving:</p> <p>Spotting mistakes.</p> <p><u>1to1 Correspondence</u> Varied fluency:</p> <p>Drawing line to match objects with one another. Are there too many, not enough or just right?</p> <p>Reasoning and problem solving:</p> <p>True or False</p> <p><i>Independently beginning to apply mental methods.</i></p>	<p><i>All within numbers 1-20</i></p> <p><u>One More / One Less</u> Varied fluency:</p> <p>Generate a number and find one more and one less</p> <p>Complete number tracks in picture, numbers and words.</p> <p>Reasoning and problem solving:</p> <p>Spotting mistakes.</p> <p><u>1to1 Correspondence</u> Varied fluency:</p> <p>Drawing line to match objects with one another. Are there too many, not enough or just right?</p> <p>Reasoning and problem solving:</p> <p>True or False</p> <p><i>Independently beginning to apply mental methods.</i></p>

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 12 25 th Nov – 29 th Nov (4 days)	Number: Addition and Subtraction	Counting forwards / backwards below 20. Read/Write numerals 1- 20	<i>All within numbers 1-10</i> <u>Part-Part-Whole Model</u> Varied fluency: Complete Part-Part-Whole models for numbers and objects Reasoning and problem solving: How can you split a group of objects? <u>Addition Symbol</u> Varied Fluency: Introduce the + symbol and link to Part-Part-Whole Reasoning and Problem Solving Use various imagery for addition <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-10</i> <u>Part-Part-Whole Model</u> Varied fluency: Complete Part-Part-Whole models for numbers and objects Reasoning and problem solving: How can you split a group of objects? <u>Addition Symbol</u> Varied Fluency: Introduce the + symbol and link to Part-Part-Whole Reasoning and Problem Solving Use various imagery for addition <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> <u>Part-Part-Whole Model</u> Varied fluency: Complete Part-Part-Whole models for numbers and objects Reasoning and problem solving: How can you split a group of objects? <u>Addition Symbol</u> Varied Fluency: Introduce the + symbol and link to Part-Part-Whole Reasoning and Problem Solving Use various imagery for addition <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> <u>Part-Part-Whole Model</u> Varied fluency: Complete Part-Part-Whole models for numbers and objects Reasoning and problem solving: How can you split a group of objects? <u>Addition Symbol</u> Varied Fluency: Introduce the + symbol and link to Part-Part-Whole Reasoning and Problem Solving Use various imagery for addition <i>Independently beginning to apply mental methods.</i>

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 13 2 nd Dec - 6 th Dec	Number: Addition and Subtraction	Say the number one more or one less than any given number.	<i>All within numbers 1-10</i> Addition Symbol Varied fluency: Use counters and Part-Part-Whole model to fill in missing numbers in addition sentences and number lines. Use digit cards to make addition sentences. Reasoning and problem solving: Explain what is wrong <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-10</i> Addition Symbol Varied fluency: Use counters and Part-Part-Whole model to fill in missing numbers in addition sentences and number lines. Use digit cards to make addition sentences. Reasoning and problem solving: Explain what is wrong <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> Addition Symbol Varied fluency: Use counters and Part-Part-Whole model to fill in missing numbers in addition sentences and number lines. Use digit cards to make addition sentences. Reasoning and problem solving: Explain what is wrong <i>Independently beginning to apply mental methods.</i>	<i>All within numbers 1-20</i> Addition Symbol Varied fluency: Use counters and Part-Part-Whole model to fill in missing numbers in addition sentences and number lines. Use digit cards to make addition sentences. Reasoning and problem solving: Explain what is wrong <i>Independently beginning to apply mental methods.</i>

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 14 9 th Dec - 13 th Dec	Assessment Week		<i>All within numbers 1-10</i> <ul style="list-style-type: none"> Recognise and name 3D Shapes Sort 3D Shapes Count, read and write forwards and backwards from any number 0-10 Count one more and one less 1to1 correspondence to start to compare groups Part-Part-Whole model Addition Symbol Fact Families - addition facts 	<i>All within numbers 1-10</i> <ul style="list-style-type: none"> Recognise and name 3D Shapes Sort 3D Shapes Count, read and write forwards and backwards from any number 0-10 Count one more and one less 1to1 correspondence to start to compare groups Part-Part-Whole model Addition Symbol Fact Families - addition facts 	<i>All within numbers 1-20</i> <ul style="list-style-type: none"> Recognise and name 3D Shapes Sort 3D Shapes Count, read and write forwards and backwards from any number 0-20 Count one more and one less 1to1 correspondence to start to compare groups Part-Part-Whole model Addition Symbol Fact Families - addition facts 	<i>All within numbers 1-20</i> <ul style="list-style-type: none"> Recognise and name 3D Shapes Sort 3D Shapes Count, read and write forwards and backwards from any number 0-20 Count one more and one less 1to1 correspondence to start to compare groups Part-Part-Whole model Addition Symbol Fact Families - addition facts

<u>Week</u>	<u>Unit</u>	<u>Starters</u>	<u>Circles</u>	<u>Triangle</u>	<u>Squares</u>	<u>Rectangles</u>
Week 15 16 th Dec - 18 th Dec (3 days)	Geometry: Shape	Counting forwards / backwards below 20. Read/Write numerals 1- 20	<u>2D Shapes</u> Varied fluency: Match 2D shapes to their names (rectangle, circle, square, triangle) Circle one shape in a number of different shapes Sort 2D shapes. Reasoning and problem solving: Name a shape from only part of it showing.	<u>2D Shapes</u> Varied fluency: Match 2D shapes to their names (rectangle, circle, square, triangle) Circle one shape in a number of different shapes Sort 2D shapes. Reasoning and problem solving: Name a shape from only part of it showing.	<u>2D Shapes</u> Varied fluency: Match 2D shapes to their names (rectangle, circle, square, triangle) Circle one shape in a number of different shapes Sort 2D shapes. Reasoning and problem solving: Name a shape from only part of it showing.	<u>2D Shapes</u> Varied fluency: Match 2D shapes to their names (rectangle, circle, square, triangle) Circle one shape in a number of different shapes Sort 2D shapes. Reasoning and problem solving: Name a shape from only part of it showing.