

Class 4 Numeracy Medium term planning with differentiation

Autumn Term 2 2016

Week	Activities and groups adapted as necessary following ongoing formative assessments.	Red Group	Yellow group	Green Group	Blue group
		Extension group (Y1 HA) Working towards level 1	Main group (Y1 MA) Working below level 1	Mixed group (Y1 LA / R) Working within 40-60 and ELG	Reception group (R) Working within 40-60 and ELG
9 31.10.16 The Gingerbread Man	Geometry: Position & direction Shape, Space & Measure - Position & direction	Learning positional words Describing position of objects to each other (fluency) -> Asking questions of each other to work out which object they have chosen e.g. is it above the square? (reasoning) -> Problem solving with describing position, Giving instructions to others - turns Turning objects/arrows	Learning positional words Describing position of objects to each other (fluency) -> Asking questions to find out which object e.g. is it above the square? Giving instructions to others - turns - how do they need to turn in order to face something / each other? Turning objects/arrows	Learning positional words Gingerbread man hunt - hiding the gingerbread man & giving clues e.g. under the chair, behind the shelf etc. Recording where they found their gingerbread. Obstacle course using positional language - whole turn, half turn, quarter turn	Learning positional words Guiding the gingerbread man around the map. Gingerbread man hunt - hiding the gingerbread man & giving clues e.g. under the chair, behind the shelf etc. Obstacle course using positional language - over, around, next to
10 7.11.16 The Gingerbread Man	Measurement: Money Shape, Space & Measure - Money	Matching coins to values - sorting and ordering Looking at different ways to make a value - e.g £1 - 2 50ps - 10 10ps - 100 1p etc Drawing amounts in the piggy bank. Buying gingerbread/cakes from the bakery - getting change - addition & subtraction with coins. Problem solving with money - I have 2 silver coins - what amount might I have?	Matching coins to values - sorting and ordering Looking at different ways to make a value - e.g £1 - 2 50ps - 10 10ps - 100 1p etc Drawing amounts in the piggy bank. Buying gingerbread/cakes from the bakery - getting change - addition & subtraction with coins.	Matching coins to values Coin rubbing Saying a value and matching the coin Ordering and sorting amounts Buying gingerbread/cakes from the bakery - how much can I spend? Will I get change? How many ways can I make that amount - does it always look the same?	Coin rubbing Matching coins to values Ordering and sorting amounts Buying gingerbread/cakes from the bakery - how much can I spend? Will I get change? How many ways can I make that amount - does it always look the same?

<p>11 14.11.16 The Gingerbread Man</p>	<p>Number: Place Value Number: Counting & Recognition</p>	<p>Matching numerals to words 1 -20 Writing number shown on 10 frame/numicon in numerals & words Recap counting in 2s - 20 Counting in multiples of 10s - counting up/ordering numbers Problem solving - filling in the missing number</p>	<p>Matching numerals to word 1-10 Writing number shown on 10 frame/numicon in numerals & words Recap counting in 2s - 20 Counting in multiples of 10 - counting up in 10s/ordering numbers.</p>	<p>Matching numerals to word 1 - 10 Matching amounts of gingerbread to numerals/words Counting in 2s - pairs of gingerbread people being baked/running away from the bakery.</p>	<p>Ordering numbered gingerbread men Matching amounts of gingerbread to numerals Filling in the missing numbers on the gingerbread men Adding buttons to the gingerbread man to match an amount. 5 currant buns & other counting songs</p>
<p>12 21.11.16 Lists</p>	<p>Number: Addition & Subtraction Number: Addition & Subtraction</p>	<p>Completing Part part whole boxes with numbers (concrete objects) - 20 Word problems/stories-children to work out and explain how they know. Recap on missing numbers - number bonds to 20 & related subtraction facts (concrete objects) Reasoning - if I know what $5 + 15 = 20$ then what other facts will I know?</p>	<p>Completing Part part whole boxes with numbers (concrete objects) - 20 Word problems/stories-children to work out and explain how they know. Recap on missing numbers - number bonds to 20 (concrete objects)</p>	<p>Adding / taking away gingerbread men - 20 Addition jigsaw / gingerbread bus addition activity - to 20 Missing number puzzles using addition facts within 10 1 more/less gingerbread man buttons</p>	<p>Adding gingerbread men / taking away gingerbread men Addition jigsaw / gingerbread bus addition activity Addition/subtraction board game 1 more/less gingerbread man buttons</p>
<p>13 28.11.16 Assessment Week</p>	<p>Consolidation of any areas based on formative assessment.</p>	<p>Consolidation of any areas based on formative assessment.</p>	<p>Consolidation of any areas based on formative assessment.</p>	<p>Consolidation of any areas based on formative assessment.</p>	<p>Consolidation of any areas based on formative assessment.</p>
<p>14 05.12.16 Christmas Week</p>	<p>Number: Addition & Subtraction Number: Addition & Subtraction</p>	<p>The Jolly Christmas Postman themed activities - number problems e.g. the postman can carry 10 letters in one sack & 4 in the other -how many altogether.</p>	<p>The Jolly Christmas Postman themed activities - number problems e.g. the postman can carry 10 letters in one sack & 4 in the other -how many altogether.</p>	<p>The Jolly Christmas Postman themed activities - e.g. Matching numbers - letters to houses Addition/Subtraction of letters/houses/gifts etc</p>	<p>The Jolly Christmas Postman themed activities - e.g. Matching numbers - letters to houses Addition/Subtraction of letters/houses/gifts etc</p>

<p>15 12.11.16 Christmas Week</p>	<p>Number: Addition & Subtraction</p> <p>Number: Addition & Subtraction</p>	<p>Christmas themed number problems - e.g. santas giftshop - making toys and needing to add amounts to make a total</p>	<p>Christmas themed number problems - e.g. santas giftshop - making toys and needing to add amounts to make a total</p>	<p>Christmas themed activities - e.g. matching numbers on presents to sort them/ordering elves/ adding & subtracting toys/tools</p>	<p>Christmas themed activities - e.g. matching numbers on presents to sort them/ordering elves/ adding & subtracting toys/tools</p>
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