

Class 4 Numeracy Medium term planning with differentiation

Summer Term A 2017

Week	<i>Activities and groups adapted as necessary</i>	Red Group Extension group (Y1 HA) Working towards exc 1	Yellow group Main group (Y1 MA) Working towards exc 1	Green Group Mixed group (Y1 LA / R) Working within ELG and Exp 1	Blue group Reception group (R) Working within ELG
1 17.04.17 The Enormous Turnip - Imitate	Addition & subtraction Counting / calculating	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Use number bonds to 20 Add 2 single digit / 2 digit numbers mentally. Solve missing number questions. White Rose Hub problem solving (Working mostly independently)</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Use number bonds to 20 Add 2 single digit / 2 digit numbers mentally. Solve missing number questions. White Rose Hub problem solving (Working with adult guidance)</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Begin to use number bonds to 20 Use pictorial representations to add single digit / 2 digit numbers Solve one step addition problems using pictorial representations (Working with adult support)</p>	<p>Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number - rolling dice and saying 1 more / less. Filling in missing numbers on a number line. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer - using objects finding how to make 10.</p>
2 24.04.17 The Enormous Turnip - Innovate	Addition & subtraction Counting / calculating	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Use subtraction facts within 20 Subtract 2 single digit / 2 digit numbers mentally. Subtract 2 2digit numbers using pictorial representations White Rose Hub problem solving (Working mostly independently)</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Use subtraction facts within 20 Subtract 2 single digit / 2 digit numbers mentally. Subtract 2 2digit numbers using pictorial representations White Rose Hub problem solving (Working with adult guidance)</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Begin to use subtraction facts within 20 Subtract 2 single digit/ 2 digit numbers using pictorial representations Solve one step subtraction problems using pictorial representations (Working with adult support)</p>	<p>Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number - counting songs, board games Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer - subtracting - Kim's game with objects (taking away how many left?) Turnips growing in the fields - how many left if they get pulled out.</p>
3 01.05.17 The Enormous Turnip - Invent	Multiplication & division Doubles / sharing	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Recognise multiples of 2 in number sequences. Recognise multiples of 5 in number sequences. Recognise multiples of 10 in number sequences. Solve multiplication problems using arrays. White Rose Hub problem solving</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Recognise multiples of 2 in number sequences. Recognise multiples of 5 in number sequences. Recognise multiples of 10 in number sequences. Solve multiplication problems using arrays White Rose Hub problem solving</p>	<p><i>All children will take part in place value starters throughout the week.</i></p> <p>Count in multiples of 2 Count in multiples of 5 Count in multiples of 10 Solve multiplication problems using pictorial representations (Working with adult support)</p>	<p>They solve problems, including doubling, halving and sharing. Counting in 2s - skip counting to certain numbers Counting in 10s - making a number line Repeated addition of groups of 2's and 5's.</p>

<p>4 08.05.17 The Enormous Turnip - Non- Fiction</p>	<p>Multiplication & division Doubles / sharing</p>	<p>(Working mostly independently) All children will take part in place value starters throughout the week. Recognise multiples of 2 in number sequences. Recognise multiples of 5 in number sequences. Recognise multiples of 10 in number sequences. Solve division problems using sharing circles White Rose Hub problem solving (Working mostly independently)</p>	<p>(Working with adult guidance) All children will take part in place value starters throughout the week. Recognise multiples of 2 in number sequences. Recognise multiples of 5 in number sequences. Recognise multiples of 10 in number sequences. Solve division problems using sharing circles White Rose Hub problem solving (Working with adult guidance)</p>	<p>All children will take part in place value starters throughout the week. Count in multiples of 2 Count in multiples of 5 Count in multiples of 10 Solve division problems using pictorial representations (Working with adult support)</p>	<p>They solve problems, including doubling, halving and sharing. Doubling using numicon and objects. Sharing out objects into groups of 2 - looking at half Colouring half of shape Circling half of objects</p>
<p>5 15.05.17 The Enormous Turnip - Non- Fiction</p>	<p>Measures - height / length Length / height</p>	<p>Compare, describe and solve practical problems for length & height - knows terminology tall / short, long / short, double / half etc. Compare length / height using non-standard / beginning to use standard units.</p>	<p>Compare, describe and solve practical problems for length & height - knows terminology tall / short, long / short, double / half etc. Compare length / height using non-standard / beginning to use standard units.</p>	<p>Compare, describe and solve practical problems for length & height - knows terminology tall / short, long / short, double / half etc. Compare length / height using non-standard / beginning to use standard units.</p>	<p>Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.</p>
<p>6 22.05.17 Assessment Week</p>	<p>Measures - height / length Length / height (Progress checks)</p>	<p>Children will take a progress check throughout this week - other math's sessions will be used to fill any gaps / consolidate</p>	<p>Children will take a progress check throughout this week - other math's sessions will be used to fill any gaps / consolidate</p>	<p>Children will take a progress check throughout this week - other math's sessions will be used to fill any gaps / consolidate</p>	<p>Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. Measuring each other using standard / non-standard How many cubes tall / long? Ordering things by height / length</p>