

Class 4 Numeracy Medium term planning with differentiation

Spring Term A 2016

<u>Week</u>	Activities and groups adapted as necessary	Red Group Extension group (Y1 HA) Working within Exp 1	Yellow group Main group (Y1 MA) Working within Exp 1	Green Group Mixed group (Y1 LA / R) Working within 40-60 and Em 1	Blue group Reception group (R) Working within 40-60
1 (2 Days) 05.01.17 Owl Babies (Immitate)	Place Value Number Recognition	Count forwards and backwards across 20 to 50 - starters 1 more / less beyond 10 - using objects Using objects - language more/less/equal - counting out objects to match numerals beyond 20	Count forwards and backwards within 20 - starting to work with bigger numbers - starters Looking at 1 more / less to 10 - using objects Using objects - language more/less/equal etc	Count forwards and backwards within 20- starters Using objects - language more/less/equal etc Consolidation - matching amounts to numerals	Matching owls to the nest - numerals to amounts Writing numerals to 10 Practicing number formation
2 09.01.17 Owl Babies (Immitate)	Place Value Number Recognition	Starters - counting forwards/backwards across 20 - 50 & Read / write numerals to 50 Match words to numerals within 20 Writing numbers within 20 as words Sequencing numbers to 50 & matching amounts - using language more/less etc	Starters - counting forwards/backwards across 20 - 50 & Read / write numerals to 50 Match words to numerals within 20 Writing numbers within 20 as words Sequencing numbers to 50 & matching amounts - using language more/less etc	Starters - counting forwards/backwards within 20 (consolidation) Matching numerals to amounts 20 and beyond Match numerals to 10 with words Writing words to 10 Sequencing numbers to 20 & matching amounts - using language more/less	Matching numerals - throw beanbags etc into the hoop to match the amount. Numicon / number hunt around the school Counting objects that can't be moved - count marbles dropping into the jar Numicon/number matching bingo / snap etc
3 16.01.17 Owl Babies (Innovate)	Addition & Subtraction Counting / Calculating	Starters - 1 more/less Using 10 frames (1 or 2) to add 1 digit & 2 digit numbers Using part part whole frames - objects first then pictures to record Word problems - solving them using pictures Bar models Reasoning - White Rose Hub reasoning problems	Starters - 1 more/less Using 10 frames (1 or 2) to add 1 digit & 2 digit numbers Using part part whole frames - objects first then pictures to record Word problems - solving them using pictures Bar models	Starters - 1 more/less Adding - single digit to 2 digit number using concrete objects (under 20) -> pictorial Using part part whole frames to add a 1 digit to 2 digit (under 20) Missing number problems - using cubes/ objects/ 10 frames	Estimating - matching 10 frames by looking Covering objects on tray - estimating how many were there 3 containers - which jar has said amount in - reasoning How many owls in the nest etc

<p>4 23.01.17 Owl Babies (Invent)</p>	<p>Addition & Subtraction Counting / Calculating</p>	<p>Number bonds to 20 - using 2 10 frames - how many ways? Record number sentences PPW - how many ways to 20 & missing number problems Related subtraction facts - Showing number bonds - write as a subtraction fact Showing numbers on 10 frames - write 4 number sentences about it (WRH)</p>	<p>Number bonds to 20 - using 2 10 frames - how many ways? Record number sentences PPW - how many ways to 20 & missing number problems Related subtraction facts - Showing number bonds - write as a subtraction fact Showing numbers on 10 frames - write 4 number sentences about it (WRH)</p>	<p>Number bonds to 20 - using 2 10 frames - how many ways? Record number sentences PPW - how many ways to 20 & missing number problems Related subtraction facts - Showing number bonds - write as a subtraction fact Showing numbers on 10 frames - write 4 number sentences about it (WRH)subtraction facts</p>	<p>Using part part whole diagrams to add Adding / taking away owls from the nest Adding machine How many ways to make 10 - using cubes/objects</p>
<p>5 30.01.17 Non-Fiction</p>	<p>Multiplication & Division Counting / Calculating</p>	<p>Use objects to count in 2, 5, 10 - using base 10/straws etc matching numerals and making number lines Finishing patterns and sequences Reciting in 2s, 5s, 10s Begin to use 2,5,10 knowledge to work out multiplication problems</p>	<p>Use objects to count in 2, 5, 10 - using base 10/straws etc matching numerals and making number lines Finishing patterns and sequences Reciting in 2s, 5s, 10s</p>	<p>Use objects to count in 2, 5, 10 - using base 10/straws etc matching numerals and making number lines Finishing patterns and sequences Reciting in 2s, 5s, 10s</p>	<p>Skip counting - jumping in 2s Animals 2 by 2 Doubling - using objects and mirrors to work out doubles Numicon doubling</p>
<p>6 06.02.17 Non-Fiction (Assessment Week)</p>	<p>Measures - Time Shape, Space & Measure - Time</p>	<p>Sequencing our day - timeline of the day (what do we do at certain times of the day?) Sequence the days of the week Sequence the months of the year Measuring time - using sand timer/stop watch etc Matching clocks to time (o'clock / half past) Writing the hands on the clock</p>	<p>Sequencing our day - timeline of the day Sequence the days of the week Matching clocks to time (o'clock / half past) Writing the hands on the clock Sequence the months of the year</p>	<p>Sequencing our day - timeline of the day Sequence the days of the week Matching clocks to time (o'clock / half past) Writing the hands on the clock</p>	<p>Sequencing our day Ordering the days of the week Looking at clocks - what do we do at certain times? Telling the time - games e.g. what's the time Mr Wolf Hickory dickory dock</p>