

Year 3 Maths Curriculum Medium Term Plan (Learning Objectives)- Spring Term 2018

Whole School Theme: Present, Past and Future / Year Group Theme: Space Invaders	
Values	Bravery/Forgiveness
Learning Skills	-Curiosity -Communication -Teamwork -Determination -Confidence -Independence -Focus -Aspiration
Curriculum Drivers	Knowledge of the world- Who am I? What is my locality? How do I fit in with the wider world? Possibilities- How can I 'Be the Best I can Be?' How can I make the most of my opportunities? Community- How can I take responsibility for my school and local community? How does my community compare with others? How can I help others?
Blocked Learning	<p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects <p>(3 weeks)</p> <p><u>Measurement</u></p> <ul style="list-style-type: none"> tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight know the number of seconds in a minute and the number of days in each month, year and leap year compare durations of events [for example to calculate the time taken by particular events or tasks]. (3 weeks) <p><u>Fractions</u></p> <ul style="list-style-type: none"> count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators (2 weeks) <p><u>Fractions</u></p> <ul style="list-style-type: none"> recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] compare and order unit fractions with the same denominator solve problems that involve all of the above. <p>(3 Weeks)</p>
Ongoing	<p><u>Number and Place Value</u></p> <ul style="list-style-type: none"> recognise the place value of each digit in a three-digit number (hundreds, tens, ones) <p><u>Addition and Subtraction</u></p> <p>add and subtract numbers mentally, including:</p> <ol style="list-style-type: none"> a three-digit number and ones a three-digit number and tens a three-digit number and hundreds <p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables <p><u>Addition and Subtraction</u></p> <ul style="list-style-type: none"> add and subtract numbers mentally, including: <ol style="list-style-type: none"> a three-digit number and ones a three-digit number and tens a three-digit number and hundreds solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.