

# Year 4 Maths Curriculum Medium Term Plan (Learning Objectives)- Summer Term 2017

| Whole School Theme: <b>The World Around Us</b> / Year group Theme: <b>Go With the Flow</b> |   |
|--|---|
| Values   | Thankfulness/Friendship   |
| Learning Skills  | -Curiosity -Communication -Teamwork -Determination -Confidence -Independence -Focus -Aspiration   |
| Curriculum Drivers   | <b>Knowledge of the world-</b> Who am I? What is my locality? How do I fit in with the wider world?<br><b>Possibilities-</b> How can I 'Be the Best I can Be?' How can I make the most of my opportunities?<br><b>Community-</b> 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   | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><b>Geometry</b> (2 weeks)</p> <ul style="list-style-type: none"> <li>describe positions on a 2-D grid as coordinates in the first quadrant</li> <li>describe movements between positions as translations of a given unit to the left/right and up/down</li> <li>plot specified points and draw sides to complete a given polygon.</li> </ul> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>recognise and show, using diagrams, families of common equivalent fractions</li> <li>add and subtract fractions with the same denominator</li> <li>compare numbers with the same number of decimal places up to two decimal places</li> <li>count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</li> <li>recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></li> <li>find the effect of dividing a one- or two-digit number by 10 and 100, identifying the <math>\square</math> value of the digits in the answer as ones, tenths and hundredths</li> <li>solve simple measure and money problems involving fractions and decimals to two decimal places. (3 weeks)</li> </ul> <p>1 week assessment</p> <p><b>Fridays</b> - Number, mental x tables<br/>Homework – fraction + - x ÷ and problems</p> </div> <div style="width: 48%;"> <p><b>Measuring</b> (2 weeks)</p> <ul style="list-style-type: none"> <li>estimate, compare and calculate different measures (length, mass, capacity, volume)</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul> <p>solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.<br/>(2 weeks)</p> <p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>recognise and write decimal equivalents of any number of tenths or hundredths</li> <li>round decimals with one decimal place to the nearest whole number</li> <li>solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> <li>find the effect of dividing a one- or two-digit number by 10 and 100, identifying the <math>\square</math> value of the digits in the answer as ones, tenths and hundredths (3 weeks)</li> </ul> <p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>Solve addition and subtraction, multiplication and division problems that involve missing numbers (1 week)</li> </ul> <p><b>Fridays</b> – Number, mental x tables<br/>Homework – fraction + - x ÷ and problems</p> </div> </div> |
| Ongoing  | <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> </ul> </div> <div style="width: 48%;"> <ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> </ul> </div> </div>   |