

Year 4 Maths Curriculum Medium Term Plan (Learning Objectives)- Autumn Term 2016

Whole School theme: Stories / Year group Theme: Iron Man	
Values	Hope
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	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><u>Number and Place Value</u></p> <ul style="list-style-type: none"> find 1000 more or less than a given number count backwards through zero to include negative numbers recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones - deeper up to 10,000) order and compare numbers beyond 1000 identify, represent and estimate numbers using different representations round any number to the nearest 10, 100 or 1000 solve number and practical problems that involve all of the above and with increasingly large positive numbers <p>(3 weeks)</p> <p><u>Addition and Subtraction</u></p> <ul style="list-style-type: none"> add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate estimate and use inverse operations to check answers to a calculation solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. <p>(3 weeks)</p> <p>1 week for assessment</p> <p>Fridays Questions about the unit 1 separate x table 1 mental</p> </div> <div style="width: 48%;"> <p><u>Multiplication and division</u></p> <ul style="list-style-type: none"> Count in multiples of 6, 7, 9, 25 and 1000 recall multiplication and division facts for multiplication tables up to 12×12 use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers, recognise and use factor pairs and commutativity in mental calculations multiply two-digit and three-digit numbers by a one-digit number using formal written layout solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. <p>(4 weeks)</p> <p><u>Shape</u></p> <ul style="list-style-type: none"> compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes identify acute and obtuse angles and compare and order angles up to two right angles by size identify lines of symmetry in 2-D shapes presented in different orientations complete a simple symmetric figure with respect to a specific line of symmetry. <p>(4 weeks)</p> </div> </div>
Ongoing	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <ul style="list-style-type: none"> count in multiples of 6, 7, 9, 25 and 1000 recall multiplication and division facts for multiplication tables up to 12×12 </div> <div style="width: 48%;"> <ul style="list-style-type: none"> count in multiples of 6, 7, 9, 25 and 1000 recall multiplication and division facts for multiplication tables up to 12×12 </div> </div>