

Ryedale Federation- Maths

Outcomes - Lower Key Stage 2



Key Knowledge	Key Skills
<p>Pupils will know:</p> <p>Key Threshold Concepts</p> <ul style="list-style-type: none"> • Maths are problems • Numbers of equivalent values can be written in different ways (% , percentage) • An angle is a measure of a turn • Number patterns can be described using rules involving one or more operations. • Recall multiplication and division facts for multiplication tables to 12x <p>Subject Specific Knowledge</p> <ul style="list-style-type: none"> • Count in multiples of 4, 6, 7, 8, 9, 25, 50 and 100 • Read, write and convert time between analogue and digital 12 and 24 hour clocks • Order and place value of numbers beyond 1000 • Add and subtract fractions (same denominator) • Convert different units of measurement • Read Roman numerals up to 100 • Compare and classify shapes using properties <p>Cross Curricular Knowledge</p> <ul style="list-style-type: none"> • Read and spell mathematical vocabulary • Use of Roman numerals in historical context 	<p>Pupils will be able to:</p> <p>Use and apply standard techniques</p> <ul style="list-style-type: none"> • Draw diagrams from written descriptions • Use a ruler to construct and measure straight lines • Reflect a shape in a mirror line • Read and interpret data using bar charts and time graphs • Use and convert standard units of measurement for length, area, volume, mass, time and money <p>Fluency</p> <ul style="list-style-type: none"> • Read and interpret data using bar charts and time graphs • Generate a sequence and find a rule <p>Reason, interpret and communicate mathematically</p> <ul style="list-style-type: none"> • Use mental and column methods for addition, subtraction, multiplication and division • Generate a sequence to find a rule • Read and interpret information in tables, including time tables • Calculate and measure the perimeter of rectilinear shapes <p>Problem solving</p> <ul style="list-style-type: none"> • Solve multi-step problems, choosing and justifying a method • Find area of shapes by counting squares • Solve problems using units of time

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