

# Alderwood Haven Maths Curriculum Overview 2025/26



Alderwood KS2 Haven Maths Curriculum Overview 2025/26						
Maths	Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Time	Review
Core Knowledge	<ul style="list-style-type: none"> <li>• That numbers are made up of digits</li> <li>• The value of digits within a number</li> <li>• The value of digits over 1000.</li> <li>• How to partition numbers in different ways</li> <li>• How having 1,10,100,1000 more or less affects a number.</li> </ul>	<ul style="list-style-type: none"> <li>• The importance of place value in addition</li> <li>• The importance of place value when regrouping in addition</li> <li>• How to estimate</li> <li>• The importance of place value in subtraction.</li> <li>• How to use formal</li> </ul>	<ul style="list-style-type: none"> <li>• How to apply a method to solve problems using multiplication</li> <li>• How multiplication is commutative</li> <li>• How multiplying a number by 10 changes it's value.</li> <li>• How multiplying a number by</li> </ul>	<ul style="list-style-type: none"> <li>• What a fraction is</li> <li>• That hundredths arise by dividing an object by 100 and tenths arise by dividing an object by 10.</li> <li>• Decimal equivalents of fractions</li> <li>• How to find a fraction of an amount</li> <li>• How to find equivalent fractions</li> </ul>	<ul style="list-style-type: none"> <li>• How to tell the time to 5 minutes.</li> <li>• How to tell the time to the nearest minute using past/to the hour accurately</li> <li>• How a 12-hour digital clock works</li> <li>• How to convert time between analogue and digital 12-hour clocks.</li> </ul>	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>• The place value of digits within a number</li> <li>• How place value can be used to find 10/100/1000 more or less than a number.</li> <li>• How to round to the nearest 10, 100 and 1000</li> <li>• How rounding and</li> </ul>

## Alderwood Haven Maths Curriculum Overview 2025/26

	<ul style="list-style-type: none"> <li>• How to find the value of an interval on a number line and use this to find values between intervals.</li> <li>• How to make suitable estimates using a number line.</li> <li>• How to use place value to order numbers.</li> <li>• What rounding is and how to round to the nearest 10</li> <li>• How to round to the nearest 100 and 1000.</li> <li>• How to apply rounding to</li> </ul>	<p>written methods</p> <ul style="list-style-type: none"> <li>• How to solve subtraction calculations with one exchange</li> <li>• How to solve subtraction calculations with one exchange and more than one exchange.</li> <li>• Which calculation to select when solving a one-step problem</li> <li>• Which calculation to select when solving a two-step problem</li> <li>• How to use the inverse to check</li> </ul>	<p>100 changes it's value.</p> <ul style="list-style-type: none"> <li>• How to multiply a 2 and 3-digit number by a 1-digit number</li> <li>• How to multiply up to 3-digit numbers by a 2-digit number. (4-digit Y5/6)</li> <li>• To understand that division means sharing in equal parts.</li> <li>• How dividing a number by 10 changes it's value</li> <li>• How dividing a number by</li> </ul>	<ul style="list-style-type: none"> <li>• How to add numbers when the fractions have the same denominator</li> <li>• How to add fractions when the denominators are different.</li> <li>• How to subtract fractions when the denominators have the same numbers.</li> <li>• How to subtract mixed numbers and fractions.</li> <li>• How to subtract fractions when the</li> </ul>	<ul style="list-style-type: none"> <li>• How to convert time between analogue and digital 12-hour clocks.</li> <li>• How many days are in each month and can apply my understanding of units of time to solve problems.</li> <li>• How many seconds are in a minute, minutes are in an hour and hours are in a day so that they can convert between units of time</li> <li>• How to solve problems which involve converting</li> </ul>	<p>estimation can be used to support calculations</p> <p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>• How to use mental strategies to calculate efficiently.</li> <li>• How to use formal written methods for addition (including regrouping)</li> <li>• How to use formal written methods for subtraction (including exchanging).</li> </ul>
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## Alderwood Haven Maths Curriculum Overview 2025/26

	<p>solve problems</p> <ul style="list-style-type: none"> <li>• How to read Roman numerals</li> </ul>	<p>answers for addition and subtraction calculations</p> <ul style="list-style-type: none"> <li>• How to use mental strategies to calculate efficiently</li> </ul>	<p>100 changes it's value.</p> <ul style="list-style-type: none"> <li>• How to use short division to divide by one-digit number</li> <li>• How to divide by a one-digit number when there are remainders.</li> <li>• How to use multiplication and division to solve problems</li> </ul>	<p>denominators are different.</p> <ul style="list-style-type: none"> <li>• The value of digits in decimal numbers.</li> <li>• How to convert between percentages, fractions and decimals</li> </ul>	<p>between units of time.</p>	<ul style="list-style-type: none"> <li>• How to decide what steps are needed to solve a multi-step problem.</li> </ul> <p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>• How to use formal written methods to multiply numbers.</li> <li>• How to use a formal written method for division.</li> <li>• How to make efficient choices when multiplying numbers.</li> <li>• What distributive</li> </ul>
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# Alderwood Haven Maths Curriculum Overview 2025/26



						<p>law is and how to efficiently multiply numbers</p> <p><b>Fractions</b></p> <ul style="list-style-type: none"><li>• What a fraction is</li><li>• Know that each fraction has an unlimited number of equivalent fractions.</li><li>• Add and subtract fractions</li><li>• How to write decimal equivalents of fractions</li></ul> <p><b>Time</b></p>
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## Alderwood Haven Maths Curriculum Overview 2025/26

						<ul style="list-style-type: none"> <li>• How to tell the time past and to the hour using an analogue clock.</li> <li>• How a 24-hour clock works</li> <li>• How to solve problems which involve converting between units of time.</li> <li>• How the Roman numeral system works</li> </ul>
Key Skills	<p>Read and write numbers up to 1000.</p> <p>Recognise the place value of each digit</p>	<p>Use place value to complete addition calculations.</p> <p>Use place value to complete addition</p>	<p>Solve worded problems using multiplication</p> <p>Find commutative numbers and factor pairs of a number</p>	<p>Identify and show some fractions.</p> <p>Count in tenths and hundredths.</p>	<p>Read and show the time to 5 minutes.</p> <p>Tell the time to the nearest minute</p>	<p><b>Place Value</b></p> <p>Use place value to order and compare numbers</p>



## Alderwood Haven Maths Curriculum Overview 2025/26

	<p>Round accurately to solve problems</p> <p>Read Roman numerals</p> <p>Reasoning</p>	<p>calculation with one-exchange and more than one exchange.</p> <p>Solve one-step problems using addition and subtraction</p> <p>Solve two-step problems using addition and subtraction</p> <p>Check addition and subtraction calculations using the inverse.</p> <p>Use a range of mental strategies when working with addition and subtraction calculations</p> <p>Reasoning</p>	<p>Use multiplication and division to solve word problems.</p> <p>Reasoning</p>	<p>Compare numbers containing decimals.</p> <p>Convert between fractions and decimals (+ percentages)</p> <p>Reasoning</p>	<p>Reasoning</p>	<p>subtraction (including exchanging)</p> <p>Use addition and subtraction to solve multi-step problems</p> <p>Reasoning</p> <p><b>Multiplication and Division</b></p> <p>Use a formal written method to multiply numbers</p> <p>Use a formal written method to divide</p> <p>Use known facts to multiply 3 numbers together. (Find squared and cubed numbers)</p> <p>Use efficient strategies to multiply numbers</p> <p>Problem Solving</p>
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						<p>Reasoning</p> <p><b>Fractions</b></p> <p>Represent fractions and use them to find fractions of amounts.</p> <p>Find equivalent fractions.</p> <p>Add and subtract fractions</p> <p>Write decimal equivalents</p> <p>Problem Solving</p> <p>Reasoning</p> <p><b>Time</b></p> <p>Tell the time from an analogue clock to the nearest minute.</p> <p>Convert between a 12-hour and 24-hour clock.</p>
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# Alderwood Haven Maths Curriculum Overview 2025/26



						<p>Decide how to convert between units of time and use this to solve problems.</p> <p>Read and problem solve using Roman numerals</p> <p>Reasoning</p>
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