

# YEAR 1 MATHEMATICS LONG-TERM OVERVIEW

2023-2024



## AUTUMN 1

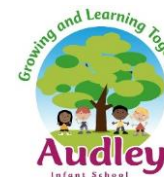
NUMBER AND PLACE VALUE	GEOMETRY
<ul style="list-style-type: none"> <li>• To sort and count objects</li> <li>• To represent objects</li> <li>• To recognise numbers as words</li> <li>• To count on from any number</li> <li>• To count 1 more and 1 less</li> <li>• To compare groups by matching</li> <li>• To compare numbers</li> <li>• To use mathematical vocabulary less than, equal to, and fewer, more, same</li> <li>• To introduce = &gt; and &lt; symbols.</li> <li>• To order objects and numbers</li> <li>• To use a number line efficiently</li> </ul>	<ul style="list-style-type: none"> <li>• To recognise and name 3D shapes.</li> <li>• To sort 3D shapes.</li> <li>• To recognise and name 2D shapes</li> <li>• To sort 2D shapes</li> <li>• To create patterns with 3D and 2D shapes.</li> </ul>

## AUTUMN 2

ADDITION & SUBTRACTION	MEASURE - MONEY	MEASURE - TIME
<ul style="list-style-type: none"> <li>• To understand and use the part whole model</li> <li>• To write an addition or subtraction sentence</li> <li>• To learn addition facts within 10</li> <li>• To know number bonds within 10</li> <li>• To know number bonds to ten</li> <li>• To add two numbers together</li> <li>• To add more to a given number</li> <li>• To take away – how many left?</li> <li>• To subtract using a number line</li> <li>• To add or subtract 2</li> </ul>	<ul style="list-style-type: none"> <li>• To understand the value of each unit of money</li> <li>• To recognise coins</li> <li>• To recognise notes</li> <li>• To count in coins – 1p, 2p, 5p, 10p</li> <li>• To reason and problem solve using money</li> </ul>	<ul style="list-style-type: none"> <li>• To use before and after to describe, order and sort events.</li> <li>• To know the days of the week, month and year.</li> <li>• To tell the time to the hour.</li> <li>• To tell the time to the half hour.</li> <li>• To write the time on a clock face.</li> <li>• To compare time.</li> </ul>

# YEAR 1 MATHEMATICS LONG-TERM OVERVIEW

2023-2024



## SPRING 1

PLACE VALUE	ADDITION AND SUBTRACTION
<ul style="list-style-type: none"> <li>To count forwards and backwards.</li> <li>To count within 20</li> <li>To understand numbers 10-20</li> <li>Count one more or one less than a given number.</li> <li>To know how to use a number line to 20</li> <li>To estimate on a number line to 20</li> <li>To know where numbers lie on a number line.</li> <li>To compare numbers to 20</li> <li>To order numbers to 20</li> </ul>	<ul style="list-style-type: none"> <li>To add by counting on within 20</li> <li>To add ones using number bonds.</li> <li>To find and make number bond to 20s.</li> <li>To know doubles to 20</li> <li>To use doubles to find near doubles</li> <li>To subtract ones using number bonds</li> <li>To subtract by counting back</li> <li>To subtract by finding the difference</li> <li>To explore missing number problems</li> </ul>

## SPRING 2

PLACE VALUE	MEASUREMENT – LENGTH & HEIGHT	MEASUREMENT – MASS & VOLUME	ADDITION & SUBTRACTION
<ul style="list-style-type: none"> <li>To count forwards and backwards.</li> <li>To count within 20</li> <li>To understand numbers 10-20</li> <li>Count one more or one less than a given number.</li> <li>To know how to use a number line to 20</li> <li>To estimate on a number line to 20</li> <li>To know where numbers lie on a number line.</li> <li>To compare numbers to 20</li> <li>To order numbers to 20</li> </ul>	<ul style="list-style-type: none"> <li>To measure length.</li> <li>To compare length.</li> <li>to measure length using objects</li> <li>to measure length in cm</li> <li>To solve problems related to length.</li> </ul>	<ul style="list-style-type: none"> <li>To measure mass.</li> <li>To compare mass.</li> <li>To compare full &amp; empty</li> <li>To measure volume</li> <li>to compare volume</li> <li>To solve problems related to mass and volume.</li> </ul>	<ul style="list-style-type: none"> <li>To add by counting on within 20</li> <li>To add ones using number bonds.</li> <li>To find and make number bond to 20s.</li> <li>To know doubles to 20</li> <li>To use doubles to find near doubles</li> <li>To subtract ones using number bonds</li> <li>To subtract by counting back</li> <li>To subtract by finding the difference</li> <li>To explore missing number problems</li> </ul>

# YEAR 1 MATHEMATICS LONG-TERM OVERVIEW

2023-2024



## SUMMER 1

MULTIPLICATION & DIVISION	FRACTIONS
<ul style="list-style-type: none"> <li>To count in 2s</li> <li>To count in 10s</li> <li>To count in 5s</li> <li>To recognise equal groups</li> <li>To add equal groups</li> <li>To make arrays</li> <li>To make doubles</li> <li>To make equal groups by grouping</li> <li>To make equal groups by sharing</li> </ul>	<ul style="list-style-type: none"> <li>To recognise and find <math>\frac{1}{2}</math> of an object, shape or quantity.</li> <li>To recognise and find <math>\frac{1}{4}</math> of an object, shape or quantity.</li> <li>To reason and solve problems relating to <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math>.</li> </ul>

## SUMMER 2

GEOMETRY - POSITION	PLACE VALUE – NUMBERS TO 100	MEASURE - MONEY	MEASURE - TIME
<ul style="list-style-type: none"> <li>To describe turns</li> <li>To describe positions – left &amp; right, forwards &amp; backwards, above &amp; below.</li> <li>To use ordinal numbers to order objects.</li> </ul>	<ul style="list-style-type: none"> <li>To count from 50 to 100</li> <li>To count to 100 by making tens.</li> <li>To count forwards and backwards within 100.</li> <li>To partition numbers into tens and ones.</li> <li>To compare and order numbers within 100.</li> <li>To identify one more and one less than a given number.</li> <li>To compare numbers with the same number of tens.</li> <li>To compare any two numbers.</li> </ul>	<ul style="list-style-type: none"> <li>Unitising</li> <li>recognising coins</li> <li>recognising notes</li> <li>count in coins</li> <li>reasoning and problem solving using money</li> </ul>	<ul style="list-style-type: none"> <li>To use before and after to describe, order and sort events.</li> <li>To know days of the week, month and year.</li> <li>To tell the time to the hour.</li> <li>To tell the time to the half hour.</li> <li>To write the time on a clock face.</li> <li>To compare time.</li> <li>To reason and solve problems involving the passing of time</li> </ul>