

Subject Name:	Maths
Curriculum Intent Statement	
<p>Our curriculum will encourage pupils to be efficient, resilient problem solvers, able to apply their mathematical skills to any real life context they encounter after leaving the academy.</p> <p>Through learning mathematics, our pupils will develop the logical thinking skills to break problems in a wide range of contexts into manageable steps. Pupils will embrace the interconnected nature of the concepts within mathematics and how mathematics can be applied to contexts within everyday life, academia and careers. Their mathematical skills and knowledge will open doors for our pupils to select whichever future path they choose.</p>	
Autumn Term 1	
<p>Numbers within 100</p> <ul style="list-style-type: none"> • Read, write, represent, partition, compare and order numbers to 100 • Explore patterns including, odds and evens, tens and ones <p>Addition and subtraction of 2-digit numbers</p> <ul style="list-style-type: none"> • Apply number bonds to add and subtract • Represent and explain addition and subtraction of two 2-digit numbers. • Add three 1-digit numbers 	
Autumn Term 2	
<p>Addition and subtraction word problems</p> <ul style="list-style-type: none"> • Introduction to bar models as a representation • Create, label and sketch bar models <p>Graphs</p> <ul style="list-style-type: none"> • Represent and interpret pictograms, block diagrams, tables and tally charts <p>Multiplication and division: 2, 5 and 10</p> <ul style="list-style-type: none"> • Calculate the times tables of 2, 5, and 10 by skip counting • Relate the 2 times table to doubling • Explore representations of multiplication and division • Commutativity 	

Spring Term 1

Time

- Tell the time on an analogue clock: quarter past, quarter to and five minute intervals
- Calculate durations of time in minutes and seconds
- Sequence daily events
- Minutes in an hour and hours in a day

Fractions

- Part-whole relationships
- Fractions as part of a whole or a whole set
- Relate to division
- Equivalent fractions

Addition and subtraction of 2-digit numbers

- Illustrate, represent and explain addition and subtraction

Spring Term 2

Money

- Recognise coins and notes
- Use £ and p accurately
- Add and subtract amounts
- Calculate change

Face, shapes and patterns; lines and turns

- Explore, sort and describe 2-D shapes
- Lines of symmetry in 2-D shapes
- Identify 2-D shapes on 3-D shapes
- Compare and sort 2-D and 3-D shapes
- Use language to describe position, direction and rotation to follow a route

Summer Term 1

Numbers within 1000

- Represent in different ways
- Compare using symbols
- Read scales

Measures; capacity and volume

- Read and measure temperature
- Estimate, measure and understand litres and millilitres
- Compare and order capacities

Measures; mass

- Weigh and compare masses in kilograms and grams

Summer Term 2

Explore calculation strategies

- Apply addition and subtraction strategies to solve equations
- Illustrate and explain addition and subtraction using column method

Multiplication and division; 3 and 4

- Multiplication and division facts for 3 and 4
- Relate 4 times table to doubling the 2 times tables
- Describe, interpret and represent using arrays and bar models
- Recognise inverse relationship