Subject Name:	Maths

Curriculum Intent Statement

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.

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.

Autumn Term 1

Number sense and calculation strategies
- Read, write, order and compare numbers to 100
- Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference
- Derive new facts from a known fact

Place value
- Read, write, represent, partition, order and compare 3-digit numbers
- Find 10 and 100 more or less
- Round to the nearest multiple of 10 and 100

Graphs
- Collect, interpret and present data using charts and tables

Autumn Term 2

Addition and subtraction
- Develop and use a range of mental calculation strategies
- Illustrate and explain formal written methods –column method

Length and perimeter
- Measure, draw and compare lengths
- Add and subtract lengths
- Calculate perimeter

Spring Term 1

Multiplication and division
- Multiplication and division facts for 2, 3,4,5,6, 8 and 10
- Multiplicative structures: equal groups/parts, change and comparison problems
- Relationships: commutativity and inverse

Multiplication and division facts
- Multiply and divide by 10 and 100
- Multiply a 2-digit number by 2, 3, 4, 5 and corresponding division situations
- Divide2-digit by a 1-digit

Spring Term 2

Time
- Tell, record, write and order the time analogue and digital
- 12-hour, a.m, p.m.
- Measure, calculate and compare durations

Fractions
- Part-whole relationships
- Fractions as part of a whole or a whole set and as a number
- Add, subtract, compare and order fractions

Summer Term 1

Angles and shape
- Identify angles including right angles and recognise as a quarter of a turn
- Identify and draw parallel and perpendicular lines
- Draw/make, classify and compare 2-D and 3-D shapes
- Measure the perimeter

Measures
- Read scales with different intervals when measuring mass and volume
- Weigh and compare masses and capacities with mixed units
- Estimate mass and capacity

Summer Term 2

Multiplication and division
- Recall and use multiplication and division facts for 6 and 8 times table

Calculation strategies and place value
- Add and subtract mentally
- Find 10, 100 and 1000 more or less
- Order and compare beyond 1000
- Round numbers