YEAR 7

This term your child will be looking at understanding multiplicative relationships with fractions and ratio, and transformations.

Over the course of the term your child will learn to:
Multiplicative relationships: fractions and ratio
- Understand the concept of multiplicative relationships
- Understand that multiplicative relationships can be represented in a number of ways and connect and move between those different representations
- Understand that fractions are an example of a multiplicative relationship and apply this understanding to a range of contexts
- Understand that ratios are an example of a multiplicative relationship and apply this understanding to a range of contexts

Transformations
- Understand and use translations
- Understand and use rotations
- Understand and use reflections
- Understand and use enlargements

YEAR 8

This term your child will be looking at percentages and proportionality and statistical representations

Over the course of the term your child will learn to:
Perimeter, area and volume
- Understand the concept of perimeter and use it in a range of problem-solving situations
- Understand the concept of area and use it in a range of problem-solving situations
- Understand the concept of volume and use it in a range of problem-solving situations

Geometrical properties: polygons
- Understand and use angle properties

Constructions
- Use the properties of a circle in constructions
- Use the properties of a rhombus in constructions

YEAR 9

This term your child will be looking at standard form and graphical representations. They will also start to look at transition to GCSE with number skills and error intervals.

Over the course of the term your child will learn to:

Standard form

- Interpret and compare numbers in standard form $A \times 10^n$, $1 \leq A < 10$

Graphical representations

- Model and interpret a range of situations graphically

Number Skills and error intervals

- Application of BIDMAS
- Written methods for calculation
- Place Value and rounding
- Estimating a calculation
- Understanding accuracy and use of bounds
- Calculator use