**S1 Maths Course Block 1 and 2**

Before your child left primary school we visited each of the schools to work with the pupils but also to speak to the teachers so we had an understanding of what stage your child was at in their learning. We used this information to set pupils into their maths classes on arrival with us. Classes will be reorganised into more accurate sets after we complete the first block test.

The S1 Level 3 course is split into 4 blocks. Detailed below is the topics in block 1/2 and the different skills required within these topics.

**BLOCK 1**

**Numeracy:**

* Rounding to nearest 10,100,1000
* Rounding to 1, 2,3… decimal places
* Rounding to 1, 2, 3… significant figures
* Estimate answers , problem solving using rounding
* Multiply by multiples of 10
* Divide by multiples of 10
* Multiply by a 2 digit numbers
* Add, Subtract, Multiply and Divide decimals
* Order of Operations (BODMAS)

**Angles:**

* *Revision-Types of Angle, Naming Angles*
* Complementary, Supplementary Angles
* Calculating Missing Angles,
* Angles in Δ add to 1800
* Corresponding Angles,
* Alternate Angles,
* Missing Angles with parallel lines

**BLOCK 2**

**Integers** (Negative Numbers)

* Negative numbers in context-Money, temp, time
* Adding / subtracting +ve integers,
* Adding –ve integers
* Subtracting –ve integers
* Multiplying Integers
* *Extension: Dividing Integers*

**Coordinates**

* Plot and describe Coordinates in first quadrant
* Reading and plotting Coordinates in four quadrants
* Reflecting in x and y -axes

**Fractions**

* Fractions of a quantity
* Multiply fractions
* Equivalent fractions
* Simplifying Fractions
* Convert top-heavy & mixed fractions
* Add/subtract fractions

**Percentages**

* Revision of simple non calculator percentages
* Finding percentages
* % increase/decrease
* Expressing one number as % of another

**Money**

* Foreign Exchange
* Compares costs-Best Buys, Best Deal

**Ratio**

* Expresses quantities as a ratio
* Simplifying Ratios
* Ratio Calculations
* Proportional division