

# TOPIC LIST for Term 3 Assessment

The numbers refer to the chapter and sections in the Kerboodle text book.

## Geometry

- 3.1 Angles and lines – angles in shapes and parallel lines
- 3.3 Congruence and similarity
- 3.4 Polygon angles
- 7.1 Measuring Lengths & Angles - bearings
- 7.2 Area of a 2D shape
- 7.4 Transformations 2 – rotation & enlargement (fractional & negative scale factor)

## Data Handling

- 4.1 Representing data – pie chart, bar chart
- 4.2 Averages and spread 1 – mean, median, mode & range using frequency table
- 4.3 Frequency Diagram – bar chart

## Number

- 1.1 Place value and rounding
- 5.1 Fractions & Percentages
- 5.2 Calculations with fractions
- 5.3 Fractions, decimals and percentages
- 13.3 Surds
- 13.2 Powers and roots

## Algebra

- 2.1 Simplifying expressions
- 2.2 Indices
- 2.3 Expanding and factorising 1 – single brackets
- 2.4 Algebraic fractions
- 6.1 Formulae

## RATIO

- 12.2 Ratio and scales

**Note** - your ability to perform all four operations (+ - x ÷) and use powers with all types of number (negative, integer, decimal and fractions) as well as applying them to algebraic terms, is fundamental to all mathematics.