

Oakwood Junior School

Every Child is a Learner and Can Achieve

Year 6 Maths Readiness Checklist

Number & Place Value

- Read, write, order and compare numbers up to 10,000,000
- Understand the value of each digit in large numbers
- Round any whole number to a required degree of accuracy

Calculation

- Use formal written methods for addition, subtraction, multiplication and division
- Solve multi-step problems using all four operations
- Check answers using estimation and inverse operations

Fractions, Decimals & Percentages

- Use common factors to simplify fractions
- Add and subtract fractions with different denominators
- Multiply and divide fractions by whole numbers
- Convert between fractions, decimals and percentages

Ratio & Proportion

- Solve problems involving the relative sizes of two quantities
- Use scale factors and unequal sharing

Algebra

- Use simple formulae
- Generate and describe linear number sequences
- Find pairs of numbers that satisfy equations

Measurement

- Convert between standard units of measure
- Calculate area, perimeter and volume
- Use timetables and solve problems involving time

Geometry

- Draw and measure angles accurately
- Recognise and describe properties of 2D and 3D shapes
- Use coordinates in all four quadrants

Statistics

- Interpret and construct pie charts and line graphs
- Calculate and interpret the mean as an average