

Oakwood Junior School

Every Child is a Learner and Can Achieve

Year 5 Maths Readiness Checklist

Number and Place Value

- Read, write and compare numbers up to 1,000,000
- Understand the value of each digit in a 6-digit number
- Count forwards and backwards in steps of powers of 10
- Round numbers to the nearest 10, 100, 1000, 10,000 and 100,000

Calculation

- Add and subtract numbers with more than 4 digits using formal methods
- Multiply up to 4-digit numbers by 1- or 2-digit numbers using formal methods
- Divide up to 4-digit numbers by 1-digit numbers using formal methods
- Use mental strategies to solve calculations efficiently

Fractions and Decimals

- Compare and order fractions with the same and different denominators
- Convert between improper fractions and mixed numbers
- Add and subtract fractions with the same denominator and related denominators
- Read and write decimal numbers to 3 decimal places
- Recognise and use thousandths

Measurement

- Convert between different units of metric measure (e.g. km to m, g to kg)
- Understand and use approximate equivalences between metric and imperial units
- Measure and calculate the perimeter and area of rectangles and compound shapes
- Solve problems involving time and timetables

Geometry

- Identify 3D shapes from 2D representations

- Know angles are measured in degrees and estimate and compare angles
- Draw given angles and measure them in degrees
- Identify angles at a point and on a straight line

Statistics

- Read and interpret information in tables and line graphs
- Solve comparison, sum and difference problems using information presented in line graphs
- Complete and interpret information in tables, including timetables