



MATHEMATICS

Yr 4 Achievement Standards

BY THE END OF THE YEAR, STUDENTS SHOULD BE ABLE TO:

Number and Algebra

- Use the properties of odd and even numbers
- Recognise, represent and order numbers to at least tens of thousands
- Apply place value to partition, rearrange and regroup numbers to at least tens of thousands to assist calculations and solve problems
- Investigate number sequences involving multiples of 3,4,6,7,8, and 0
- Recall multiplication facts up to 10×10 and relate division facts
- Use appropriate strategies for calculations requiring multiplication and division where there is no remainder
- Investigate equivalent fractions used in contexts
- Count by quarters, halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line
- Make connections between fractions and decimal notations up to two decimal places
- Solve word problems by using number sentences involving multiplication or division where there is no remainder
- Identify and explain strategies for finding unknown quantities in number sentences

Measurement and Geometry

- Measure temperature, length, shapes and objects by using scaled instruments
- Compare areas of regular and irregular shapes using informal units
- Solve problems involving time duration and converts between units of time
- Create symmetrical shapes and patterns
- Use simple scales, legends and directions to interpret information contained in basic maps
- Identify a right angle and classifies angles as equal to, greater than or less than a right angle

Statistics and Probability

- Lists the probability of everyday events and identifies these as dependent or independent
- Describes and evaluates the effectiveness of various methods for data collection and representation. Include tables, column graphs and picture graphs where one picture can represent many data values