

Year 2 End of Unit Milestones: Summer Term

Measurement: Volume

By the end of this unit, children will be able to:

- compare volume in different-sized containers using the terms 'greater than,' 'less than,' 'greatest' and 'least'
- compare the volume of different containers using non-standard units
- measure volume using litres and determine whether an amount is 'more than,' 'less than' or 'equal to' a litre
- measure volume using millilitres and litres; to determine how many ml there are in 1 L
- solve word problems involving bar models with litres as the standard unit.

Measurement: Mass

By the end of this unit, children will be able to:

- understand that mass is measured in kilograms and by using weighing scales
- measure mass in grams and to understand that it is a smaller unit of measure than a kilogram
- measure mass accurately in grams using weighing scales
- compare the mass of two different objects accurately
- compare the mass of three objects and use the appropriate vocabulary
- solve word problems in the context of mass.

Fractions: Fractions

By the end of this unit, children will be able to:

- count the number of wholes and parts to form mixed numbers
- count in halves and place halves onto a number line using pictures
- count in quarters and place quarters onto a number line using pictures
- count in thirds and place thirds onto a number line using pictures.
- find fractions (half, quarter and third) of whole numbers and of quantities (length).

Geometry – Properties of Shapes: 2-D Shapes

By the end of this unit, children will be able to:

- recognise patterns of familiar shapes and colours of up to three objects
- describe patterns using ordinal numbers and shape names.
- move shapes on a square grid from one position to another using common language.

Measurement: Time

By the end of this unit, children will be able to:

- find the ending of a duration of time from different 5-minute starting points
- find the ending time in intervals of 5 minutes from delayed starts
- find the starting time from 30-minute and 1-hour interval durations
- find the start of multiple durations of time using a common end time
- compare durations of time from the least amount to the most amount of time and vice versa.

Word Problems

By the end of this unit, children will be able to:

- decide when it is appropriate to add and/or subtract when solving word problems; to improve the use of bar modelling and decision making based on visual representations.
- use the bar model method to solve word problems looking at the difference between two amounts
- solve multi-step word problems using bar modelling; to use more than one bar model in a problem to work out the answer
- use bar modelling to solve multi-step word problems involving unknown quantities.