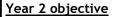
# **Beech Hill Primary School Scheme of Work: Numeracy**

Term: Summer 2022 Year Group: 2



### **Fractions**

- Recognise, find, name and write fractions 1/3, 1/2, 2/4 and 3/4 of a length, shape, set of objects or quantity
- Write simple fractions for example, 2  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of 2/4 and 1/2 .

#### Position and direction

-Order and arrange combinations of mathematical objects in patterns and sequences -Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).

#### Measurement

- -Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ( $^{\circ}C$ ); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- -Compare and order lengths, mass, volume/capacity and record the results using  $\rightarrow$ , < and =
- -Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- -Find different combinations of coins that equal the same amounts of money
- -Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- -Compare and sequence intervals of time
- -Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- -Know the number of minutes in an hour and the number of hours in a day.

# Examples of Tasks/activities informed by National Curriculum

- 1. Rapid recall of tables facts.
- 2. Talk partner activities to solve reasoning questions.
- 3. Solving a variety of practical problem solving questions
- 4. Mixed pairs activities.
- 5. Independent or supported work in books to practise new skills
- 6. Whole class practical activities to support learning in measurement.
- 7. Skills used in different contexts.
- 8. Understand the terms full turn, half turn,  $\frac{1}{4}$  turn and  $\frac{3}{4}$  turn.
- 9. Describe position, movement and direction between points.
- 10. Use a ruler
- 11. Measure in cm and mm
- 12. Compare and order measures
- 13. Tell the time to the 5 minutes
- 14. Know how many days there are in a week and hours in a day

# Vocabulary:

Fraction, Numerator, Denominator, Equivalent, Quantity, Half, Quarter, Divide, Multiplication, division, array, times table, commutative.

Pounds, pence, notes, compare, total, amount, change, subtract, leftover Measuring, ruler, weight, scales, temperature, mass, direction, capacity, compare, volume.

## **Selected Resources**

- \* Whiteboards
- \* Dice
- \* TNT tables
- 'IR tools
- \* Place value counters and boards.
- \*Clocks and timers
- \* Fraction boards and shapes
- \* Number lines

