

Hazelwood Schools



Maths

EYFS Progression

Place Value: Counting

EYFS

Nursery

- Count to 10 by rote using actions and songs
- 1:1: counting up to 5 objects
- Know the last number signifies the number of objects in a group (cardinal principle)

Reception

- ***ELG- Numerical patterns - Verbally count beyond 20, recognising the pattern of the counting system***

Place Value: Represent

EYFS

Nursery

- Subitise up to 3
- Use fingers to represent a given number up to 5
- Beginning to match numerals with a small number of objects up to 5
- Beginning to experiment with marks as well as numerals

Reception

- *Match numerals to quality from 0- 10*
- ***ELG – Number - Subitise (recognise quantities without counting) up to 5.***

Place Value: Use PV and Compare

EYFS

Nursery

- Notice the difference in quantities – able to say when someone has more.
- Beginning to use vocabulary, more, less and the same

Reception

- *ELG – Numerical patterns- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.*

Addition and subtraction: Recall, represent, use

EYFS

Nursery

Reception

- *ELG – Number - Have a deep understanding of number to 10, including the composition of each number.*
- *ELG- Number -Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.*

Addition and subtraction: Calculations

EYFS

Nursery

Reception

- *ELG- Number- Have a deep understanding of number to 10, including the composition of each number.*

Addition and subtraction: Solve problems

EYFS

Nursery

Reception

- *ELG – Numerical Patterns - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.*

Multiplication and division: Recall, represent, use

EYFS

Nursery

Reception

- *ELG- Number - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.*

Measurements

EYFS

Nursery

Reception

- Make some comparisons between objects relating to size, length, weight and capacity

- Notice and compare length, weight and capacity

Measurements: Time

EYFS

Nursery

Reception

- Describe a sequence of events using the words 'first' and 'then' for example – the visual timetable

- Use language related to time e.g. Days of the week

Geometry: 2D & 3D shapes

EYFS

Nursery

- Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners', 'straight', 'flat', 'round'.
- Select shapes appropriately when making pictures for example a square for a window or triangular pattern for a roof, etc
- name some 2D shapes

Reception

- Can find shapes hidden in other shapes for example 2 triangles in a square
- Can select, rotate and manipulate shapes in order to develop spatial reasoning skills

Geometry: Position, direction and movement

EYFS

Nursery

- use positional language such as under, on top and behind
- talk about routes and locations, using words like 'in front of' and 'behind'.

Reception

- know that a map contains information (UW)

Geometry: Patterns

EYFS

Nursery

- Notice patterns and arrange things in patterns
- Recognise a repeating pattern
- Continue a basic ABAB pattern for example stick, leaf, stick, leaf.
- Notice a simple repeating pattern and I can correct an error

Reception

- continue, copy and create repeating patterns