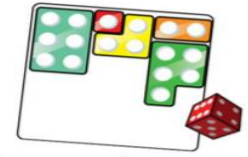


Nursery Autumn 2

Maths



Mathematics:

0-3 Years:

- Take part in finger rhymes with numbers
- React to changes of amount in a group of up to 3 items
- Compare amounts saying "lots", "more" or "same"
- Develop counting like behaviour, such as making sounds, pointing or saying some numbers in sequence
- Count in everyday contexts, sometimes skipping numbers - '1-2-3-5.'
- Build with a range of resources.
- Complete inset puzzles.
- Compare sizes, weights etc. using gesture and language - 'bigger/little/smaller', 'high/low', 'tall', 'heavy'
- Notice patterns and arrange things in patterns.

3-4 Years:

- Recite numbers past 5.
- Say one number for each item in order: 1,2,3,4,5.
- Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').
- Show 'finger numbers' up to 5.
- Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.
- Experiment with their own symbols and marks as well as numerals.
- Compare quantities using language: 'more than', 'fewer than'.
- 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'.
- Understand position through words alone – for example, "The bag is under the table," – with no pointing.
- Extend and create ABAB patterns – stick, leaf, stick, leaf.
- Notice and correct an error in a repeating pattern.

Key Vocabulary:

number, count, amount, one, two, three, four, five, lots, more, less, fewer, same, colour, size, how many, match, numeral, numicon, 5-frame, 10-frame, egg box, count out, on, under, in, behind, in front, next to, near, up, down, pattern, repeat, shape, group

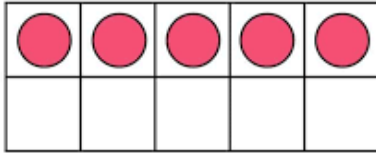
Linked Texts:

- I Spy Numbers
- Book of Numbers – Oliver Jeffers
- More or Less?
- Pattern Bugs

Counting rhymes and songs:

- 1, 2, 3, 4, 5, Once I Caught a Fish Alive
- 2 Little Dickie Birds
- 5 Currant Buns in the Baker's Shop
- 5 Little Speckled Frogs
- 5 Little Men in a Flying Saucer
- 5 Little Ducks
- One Elephant Went Out to Play
- Here is the Beehive

Week 1 – I can count out up to 5 objects



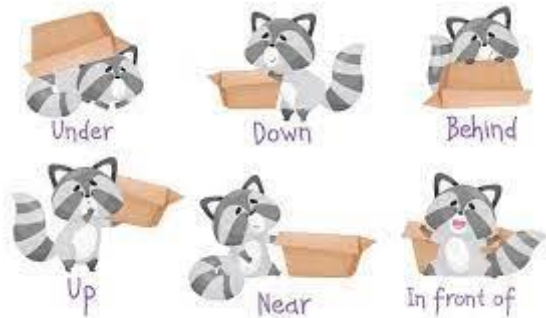
Week 2 – I can say “how many” there are within 5



Week 3 – I can recognise numerals 1-5 and match to amounts

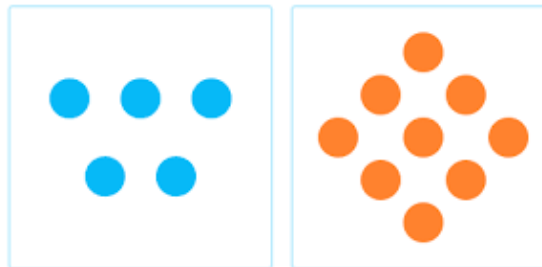


Week 4 – I can understand positional language (under, on, behind, in front etc)

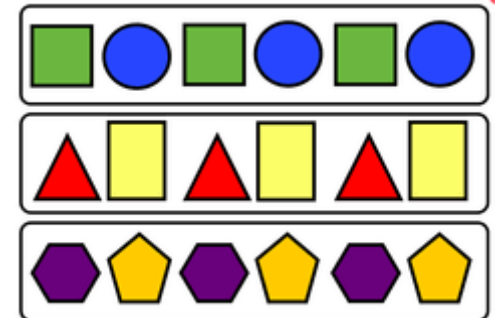


Week 5 – I can compare quantities using “more than” and “fewer than”

Which group has **more**?



Week 6 – I can extend and create ABAB patterns (e.g. red, blue, red, blue)



Week 7 – Assessment and Number Formation