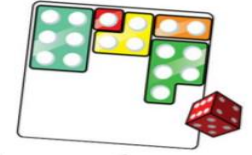


# Nursery Spring 1

## 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:

- Develop fast recognition of up to 3 objects, without having to count them individually (‘subitising’).
- 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.
- Describe a familiar route.
- Discuss routes and locations, using words like ‘in front of’ and ‘behind’.
- Make comparisons between objects relating to size, length, weight and capacity
- 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’.

### Key Vocabulary:

number, count, amount, one, two, three, four, five, six, numeral, numicon, how many, altogether, amount, group, shape, circle, triangle, square, rectangle, hexagon, oval, pointy, straight, curved, sides, corners, size, length, long, longer, longest, short, shorter, shortest, in front, behind

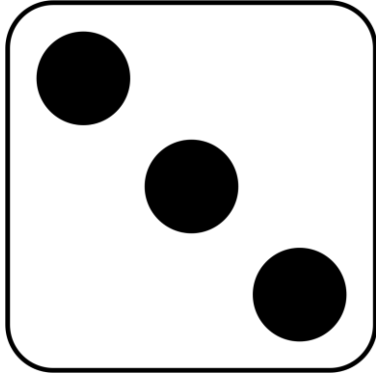
### Linked Texts:

- Sydney the Silly only eats six
- Six dinner Sid
- Anno’s counting book
- How Long?
- How to Measure Everything
- Shape by Shape
- Shape Trilogy (Triangle, circle and square)

### 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

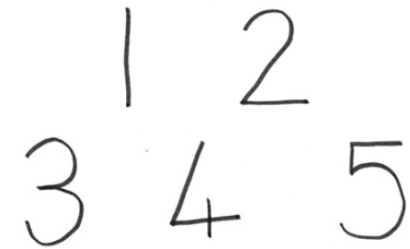
Week 1 – I can subitise up to 3



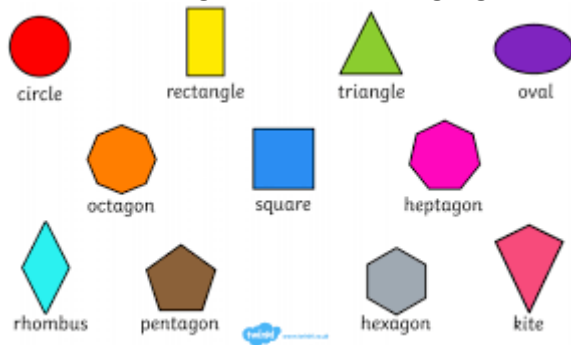
Week 2 – I can recognise numerals 1-6 and match to amounts



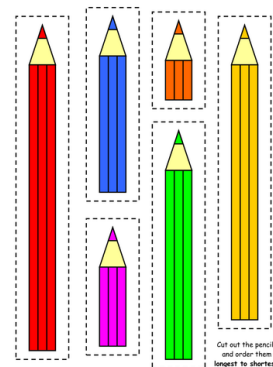
Week 3 – I can experiment with marks to represent numbers 1-5



Week 4 – I can explore 2D shapes and describe them using mathematical language



Week 5 – I can compare objects relating to size and length



Week 6 – I can describe a familiar route using language like “in front” or “behind”



Week 7 – Assessment and revisiting counting/number recognition.