

EYFS Maths Workshop
Thornhill Primary School



30.1.19

Led by Mrs A Henkes

Maths at Thornhill Primary School.

Maths is taught daily through a wide range of practical activities at Thornhill. These activities can be shown through Adult led activities as well as children's own child initiated play. We encourage children to use their mathematical skills and thinking in a wide range of concepts from patterns and shape in their paintings to identify shapes and numbers in everyday objects around school.

Number

Nursery 30-50 Months

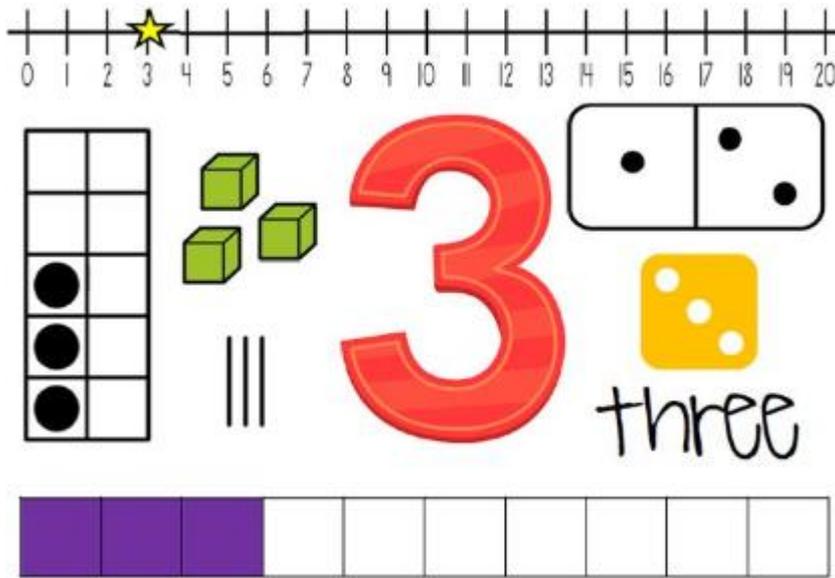
- Counting - through rhymes and songs - Get the children to predict what number comes next.
- Begins to use number names in play.
- Says numbers to 10 in order.
- Begins to match numeral to quantity.



- Begins to separate 3 or 4 objects in different ways.
- Shows an interest in numerals in the environment.
- Begins to realise that anything can be counted not just numbers.
- Begins to recognise that numbers identify how many objects are in a set.



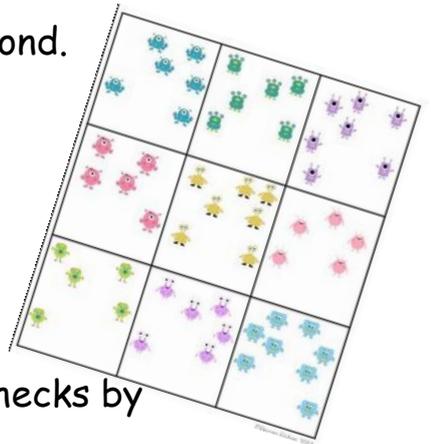
- Begins to represent number by fingers, marks and pictures.



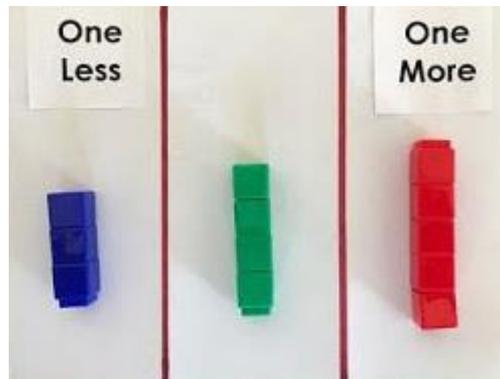
Reception

40-60 Months

- Recognises numbers 1-5
- Counts objects by saying one number name for each item.
- Counts objects to 10 and beginning to count beyond.
- Counts objects that cannot be moved.
- Counts an irregular number of objects.
- Counts out up to 6 objects from a larger group.
- Estimates how many objects they can see and checks by counting them.
- Uses language of 'fewer' and 'more' to compare two sets of objects.
- Finds the total by adding two groups together.

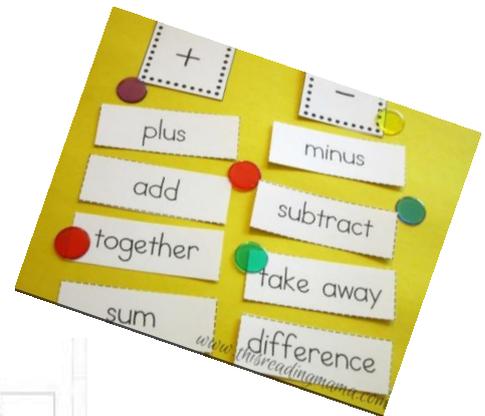


- Say a number that is one more than and one less than a given number.



- In practical activities begin to use the vocabulary involved with addition and subtraction.

- Record marks and interpret them.



WHAT IS THE MOST POPULAR COLOURED CAR?

Colour	Tally	Total
Red 		2 ✓
Blue 		2 ✓
Silver 		4 ✓
Other 		4 ✓

Early Learning Goals (By the end of reception)

- Children can count reliably with numbers from 1-20, place them in order and say which number is one more or one less than a given number.
- Using objects they can add and subtract two single digit numbers and count on or back to find them.

E.g. $7-6=?$ - Children could use objects, fingers a number line etc.

- They Solve problems involving doubling, halving and sharing.



Shape & Measures

Nursery 30-50 Months

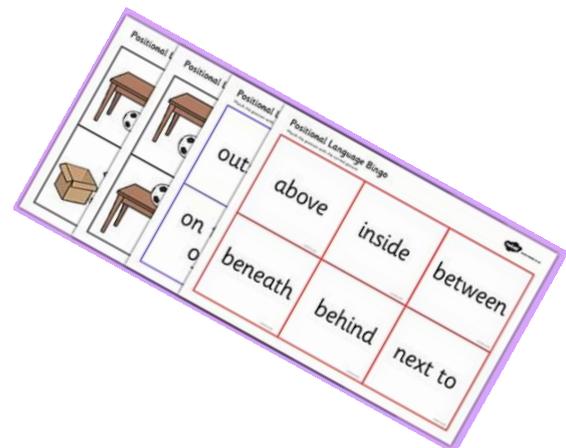


- Show an interest in shape and space by playing with shapes.
- Show an awareness of shapes in the environment.
- Use positional language.
- Show an interest in shape during a construction activity.
- Begin to talk about shapes of everyday objects. E.g. 'round' and 'tall'

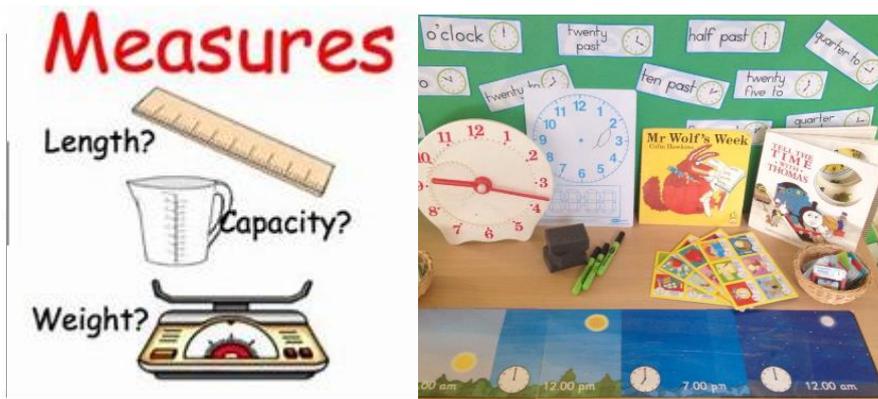


Reception 40-60 Months

- Beginning to use mathematical names for 'Flat' 2D shapes and 'solid' 3D shapes.
- Selects a particular names shape.
- Can describe position such as 'behind' or 'next'
- Order two or three items by length or height.
- Order two items by weight or capacity.
- Use shapes to recreate patterns and build models.



- Use everyday language related to time.
- Begin to use language related to money.
- Order and sequence familiar events.
- Measure short period of time in simple ways.



Early Learning Goal:

- Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.
- They recognise, create and describe patterns.
- They explore characteristics of everyday objects and shapes and use mathematical language to describe them.

