

Counting activities for Nursery children

We love maths in Nursery! The children enjoy getting involved in the practical maths activities.

Below I have copied the development matters statements for number in the early years. We use these statements to help us plan appropriate lessons to support your child to become more confident in this area. We focus on 30-50 months and 40-60 months. I have also added some examples of how you can help your children with their number skills at home. Try and keep it as practical as possible.

You all do such an amazing job with your children at home, but if you would like some new ideas of games and activities please see below.

If you would like any more ideas or support on how best to help your child's number development, please email the school office and they can forward messages on to me.

Kind regards

Mrs Hodges

| 30-50 months | 40-60 months |
|---|--|
| <p>Uses some number names and number language spontaneously.</p> <ul style="list-style-type: none">• Uses some number names accurately in play.• Recites numbers in order to 10.• Knows that numbers identify how many objects are in a set.• Beginning to represent numbers using fingers, marks on paper or pictures.• Sometimes matches numeral and quantity correctly.• Shows curiosity about numbers by offering comments or asking questions.• Compares two groups of objects, saying when they have the same number.• Shows an interest in number problems.• Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same.• Shows an interest in numerals in the environment.• Shows an interest in representing numbers.• Realises not only objects, but anything can be counted, including steps, claps or jumps | <p>Recognise some numerals of personal significance.</p> <ul style="list-style-type: none">• Recognises numerals 1 to 5.• Counts up to three or four objects by saying one number name for each item.• Counts actions or objects which cannot be moved.• Counts objects to 10, and beginning to count beyond 10.• Counts out up to six objects from a larger group. <p>Selects the correct numeral to represent 1 to 5, then 1 to 10 objects.</p> <ul style="list-style-type: none">• Counts an irregular arrangement of up to ten objects.• Estimates how many objects they can see and checks by counting them.• Uses the language of 'more' and 'fewer' to compare two sets of objects.• Finds the total number of items in two groups by counting all of them.• Says the number that is one more than a given number.• Finds one more or one less from a group of up to five objects, then ten objects.• In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.• Records, using marks that they can interpret and explain.• Begins to identify own mathematical problems based on own interests and fascinations. |

Practical maths activities to do at home.



This activity could help develop...

Number recognition

Counting skills- counting how many they have all together. As well as counting how many they can catch in a set amount of time

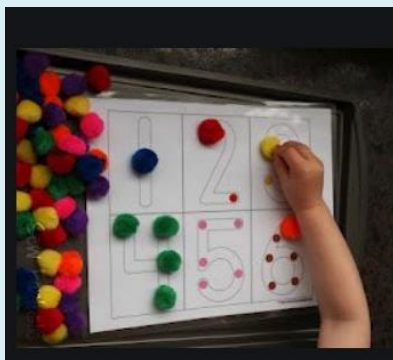
Mathematical language: You could compare the sizes, colours numbers, patterns. There might be opportunities to talk about when fish are the same. Who caught the most? Fewest?



This activity could help develop...

Counting skills-

Estimating. How many beans do you think there are? How many green do you think there are? Counting consistently to 5/10/20. How many beans did you sort? Counting out a set number- e.g. can you give me three yellow beans? Which colour had the most? Did any have the same? Can you share the beans between you and me?



These activities could help develop...

Counting consistently to 5/10/20

Counting out a set number

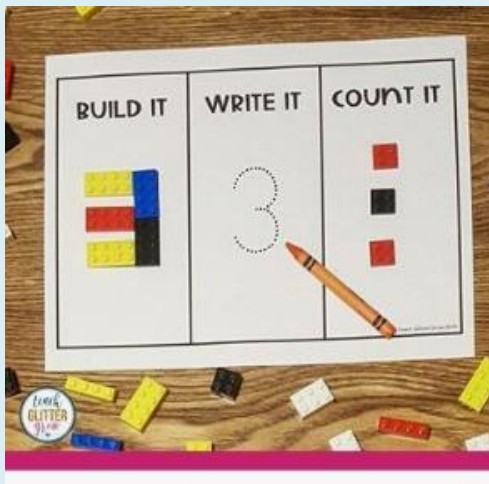
Matching number and quantity

Number recognition

Extend this activity

If I had one more how many would I have? If I took one away how many are left? With your 5 pom poms, how many different ways can you share them out between you and me. Number bonds to 5.





This activity could help develop...

Counting consistently to 5/10/20

Counting out a set number

Matching number and quantity

Number recognition

Understanding how numbers are made by exploring number bonds. Sharing numbers

Representing/ mark making numbers

Extend this activity

If I had one more how many? If I took one away how many are left?

More ideas to support maths at home!

| | | |
|--|---|---|
| Play board games. Snakes and ladders is good for counting and number recognition. | Go on a number hunt on your daily walk. What numbers can you find? | Hide numbers around your house or garden (just write numbers on scrap paper or post-its) and encourage your child to find them and order the numbers. |
| <p>Games</p> <p>How many times can you catch/bounce/roll/kick the ball?</p> <p>Count how long you can balance on 1 leg. Can you beat your personal best? What's the longest time you can do it?</p> <p>Hide and seek- counting</p> | <p>Help hang the washing out?</p> <p>How many items can we fit on the line? Estimate then count to see.</p> <p>How many t-shirts? How many socks? How many altogether? How many are left? How many are yours/mine? Who has the most? Can we spread them out? Have we still got the same number?</p> | <p>Counting during snack</p> <p>Can you help prepare our lunch? I have 10 grapes can you share them between the plates? Is it fair? Have we got the same?</p> <p>Can you put 2 pieces of cheese on each plate?</p> <p>Can you chop the banana up with me? How many slices did we make?</p> <p>How many sandwiches have you got?</p> <p>I had 5 grapes and I have eaten 1 how many are left now?</p> |