

Key Learning Objectives

Using and Applying Mathematics

- I can talk about, recognize and recreate simple patterns
- I can use the maths I know to solve simple practical problems and explain what I have done
- I can sort objects, making choices and explaining decisions



Counting and Understanding Numbers

- I can count in order, saying and using the number names
- I can count at least 10 everyday objects
- I can estimate how many objects there are and then check by counting them
- I can recognise numbers from 0 - 9
- I can count aloud in ones, twos, fives or tens
- I can use language such as 'more' or 'less' to compare two numbers



Calculating

- I can use words linked to adding and taking away in everyday situations
- I am beginning to understand that adding is combining two groups of objects and subtraction is 'taking away'
- I can find one more or one less than a number
- I can count repeated groups of the same size
- I can share objects into equal groups and count how many in each group



Measuring

- I understand and use language such as more or less, greater or smaller, heavier or lighter to compare two numbers or two quantities
- I can use everyday language related to time
- I can order and sequence familiar events



Understanding Shape

- I know the names of simple flat and solid shapes like circle, square, rectangle, triangle, cube.
- I can describe where things are using words like between, in front, in the middle.



Ideas for home learning activities

Using and Applying Mathematics

- Use LEGO or coloured blocks to create patterns. Ask child to recreate them and describe what they have done. Challenge them to create/recreate patterns with repeating themes.
- Make up and solve simple maths problems based around everyday experiences.
- Collect natural objects such as leaves, shells and flowers. Ask child to sort them and explain why they have grouped them in a particular way.



Counting and Understanding Numbers

- Read, listen to and learn number rhymes and stories. Ask questions, make predictions, encourage interaction with the story e.g. actions
- Exploit all counting opportunities - count stairs, count buttons, count lampposts on a walk, count 'red' cars on a journey etc.
- Look for numbers whilst walking or on a journey e.g. house numbers, numbers on posters, car registrations, prices
- Use magnetic numbers. Put them in order. Miss one out of a sequence - do they know which one is missing?



Calculating

- Talk about adding and taking away in everyday situations
- Ask questions like 'if I took one away how many would I have left?' Or 'if I add one how many have I got now?'



Measuring

- Exploit opportunities for mathematical talk in everyday situations. Who's the tallest/shortest in the family? Who is the oldest/youngest in the family? When shopping which is the lightest/heaviest product? ... etc. Put packets, tins or bottles in order of height/weight by estimating. Ask them to justify choices. Why have they ordered them in a particular way? Encourage them to use positional language e.g the baked beans are between the cornflakes and the milk.



Understanding Shape

- Look for and identify different shapes around the house and in the environment



