

1 2 3 4 5 6 7 8 9
9 8 7 6 5
8 7 6 5
4 3 2 1 2 3 4 5

RECEPTION MATHS IDEAS

COUNTING

- Counting objects up to 10 correctly and then to 20, encourage your child to touch each object as they count. Always start with actual objects before you move onto pictures of objects.
- Check your child can count up to an exact amount, can your child pass you 8 crayons, 10 socks etc Then move onto numbers up to 20.
- See the following attached Power points:
 - Magical Estimation and Counting
 - Counting scenes

NUMBERS

- Show your child a number to 10, can they shout out the correct number you are holding
- Ask them questions about it, can they hold up the correct amount of fingers
- Can they tell you the number that is 1 more and 1 less than the given number
- Can they make a set of objects for that number
- Play number Bingo / Snap / looking for numbers whilst shopping etc
- Can your child place numbers in sequence, can you mix up a sequence of numbers and ask them to arrange it into the correct order.
- You ask your child to shut their eyes whilst you remove a number, can they tell you which is missing.

COMPARISON OF NUMBERS

- Can you talk about amounts using the words less and more e.g. there are more apples than bananas / there are less carrots than potatoes.
- Pick up 2 number cards and say which is more and which is less, check by counting out the correct amount.

NUMBER BONDS TO 10

- The idea is for the children to start to remember the pairs of numbers that total 10.
- Begin practically with 10 objects that can be moved by the children, ask the children to split the group of 10 into two separate groups and count how many objects are in each group.
- Verbally talk about the groups as parts e.g. 2 is one part, 8 is another part, 10 is the whole.
- A written recording will be $2 + 8 = 10$

Use the Power point to reinforce number bonds:

- Ten Green Bottles

SHAPE

- The children are surrounded by 2-d and 3-d shapes both indoors and outside. The children need to be able to name the most common 2-d and 3-d shapes.

Powerpoints to reinforce shape are:

- Name the 2D Shape Quiz
 - What shape is Behind the Binoculars?
 - 3D Shapes
- It is important to be able to describe shapes using the correct language:
Corners, edges, faces, etc

MEASURE

- The children need to be familiar with a range of language for weight, length/height and capacity.
- Tall, Taller, Tallest Small, Smaller, Smallest Short, Shorter, Shortest
- Long, Longer, Longest Light, Lighter, Lightest Heavy, Heavier, Heaviest
- Full, half full, empty
- Ask the children questions like:
- Can you find me something taller than my pencil or something shorter than my book
- Ask the children to use the language in a sentence e.g. The water bottle is taller than the pencil. The crayon is shorter than my book.