Week 1 and 2 Spring 1

Our maths topic: shape and sorting.

This unit gives pupils the opportunity to explore the characteristics of shapes and objects and use mathematical language when describing them. Children are going to describe and sort 3-d shapes, explore the characteristics of a variety of 3-d shapes and will learn the mathematical vocabulary to describe position accurately.

1.Explore the Big Picture overleaf and ask your child to explain what different elements of shape and measure they can see.

? Explain that it is a picture of a school with children playing outside.

Encourage your child to name as many shapes as they can using the language of 'in the middle', 'next to', 'above' and 'below to describe the position of a chosen shape.

? ***Which shape is most popular? How do you know? Explain.***

? ***Is there the same/ similar/ different total of different shapes? Can you use the language of 'less' and 'more' to explain the su and cylinders?***

2. Go on a shape hunt around your house with your family or a friend.

Encourage your child to spot as many different shapes around your house. Furthermore, encourage your child to come up with a way to record the shapes he/ she has found.

What different shapes can you see in the kitchen/ bedroom/ living room?

? ***Is there more of one particular shape than of others? How do you know? Convince me!***

? ***How can you record this activity?***

? ***Is there more than one way to complete it?***

3. Play a shape game with your child using the positional vocabulary of 'above', 'next to', 'in the middle' and 'below.

Encourage your child to build a house using building blocks.

? ***Which shape is best to use when building a wall? Can you use a pyramid? Are pyramids going to stack up to make a wall?***

? ***Is there a way of grouping these different shapes into different groups?***

Use our key words: above', 'next to', 'in the middle' and 'below' to convince your partner!

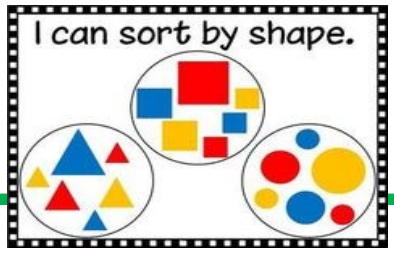
4. Sorting shapes based on their properties.

Encourage your child to sort the shapes attached based on their properties, for example shapes with 2 or less sides on one side and shapes with 3 or more on the other side.

? ***What is the same and different each time? How do you know? Can you convince me?***

? ***Is there more than one way to complete this task? How do you know?***

Explain in full sentences.



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