

Maths challenges

Week beginning 25.1.21

6, 7 and 8

This week the children will continue to apply the counting principles when counting 6, 7 and 8. They represent 6, 7 and 8 in different ways and can count out the required number of objects from a larger group. Arranging 6, 7 or 8 items into small groups will support the children to conceptually subitise and see how the numbers are made up of smaller numbers.



The power points I have attached can be viewed on a laptop/ PC. If your device will not allow you to see the power points- do not worry- just completed the suggested activity each day.

Wednesday- Number 8

Watch and answer the questions on **Adventures of Number 8** power point.

Activity: Look at the under the sea poster I have attached. Can you spot the different representations of eight? Discuss your answers with a grown up. (e.g., 4 rings and 4 divers, the octopus has 8 legs, there are 8 stars on the mermaid).



Monday- Number 6

Watch and answer the questions on **All About the Number 6** power point.

Complete the star challenges on slide 17.

Activity: Can you think of your own star challenges for yourself or someone in your family?

E.g., can you do 6-star jumps? Can you do 6 hops? Can you find 6 blue objects?



Tuesday- Number 7

Watch and answer the questions on **Adventures of Number 7** power point.

Activity: On the Planet Seven, the aliens all have 7 eyes! Can you create a model or a picture of an alien to live on Planet Seven? You could use playdough, empty packaging, or draw or paint a picture of your alien. Make sure you count the eyes very carefully!



Thursday- Space Aliens Favourite Number

Watch and answer the questions on **Space Alien's Maths** power point. Can you help the aliens to make a collection of things that are all based on their favourite number? You will need to count them very carefully.

Activity: make collections of 6, 7 and 8 objects (lego, bricks, marbles, teddy bears). Sort these items into 6, 7 and 8. How else could you show 6, 7, 8?



Friday- Tens Frame

You will need a range of loose parts such as buttons, beads, pebbles, shells and some ten frames (please use the ten frame resource I have attached or you could draw your own). Count 6, 7, 8 items onto the ten frames. How many do you have? Can you see without counting?

You may also enjoy drawing a large 10 frame outside on the ground using chalk and then counting 6, 7 and 8 items onto it.



