Monday 18th January 2021

This week we are learning all about the number 7.

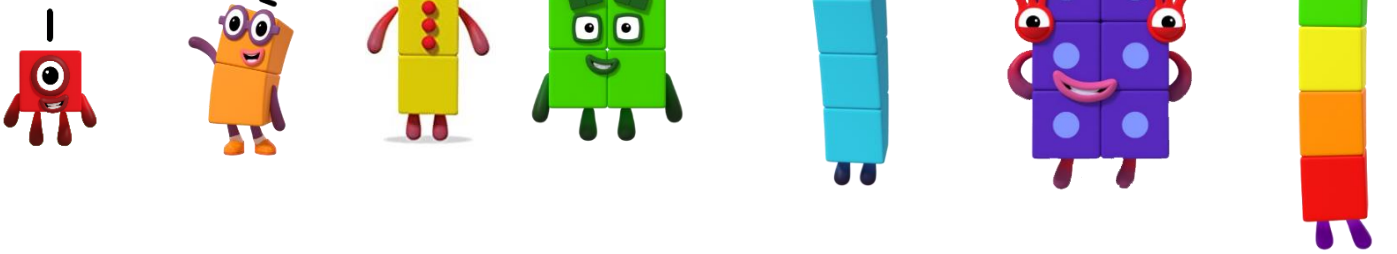
To get warmed up, let's get moving and dance to 5 little monkeys. Make sure you have got some space!

https://www.youtube.com/watch?v=IxF0iayJR-s

Watch Number Block episode 'Seven.'

https://www.bbc.co.uk/iplayer/episode/b08pgqt4/numberblocks-series-2-seven

In the episode the Number Blocks are having a picnic. Can you match the Number Blocks to the correct amount of food?



Number Block 7 looks like a rainbow. Let's finish by singing the rainbow song.

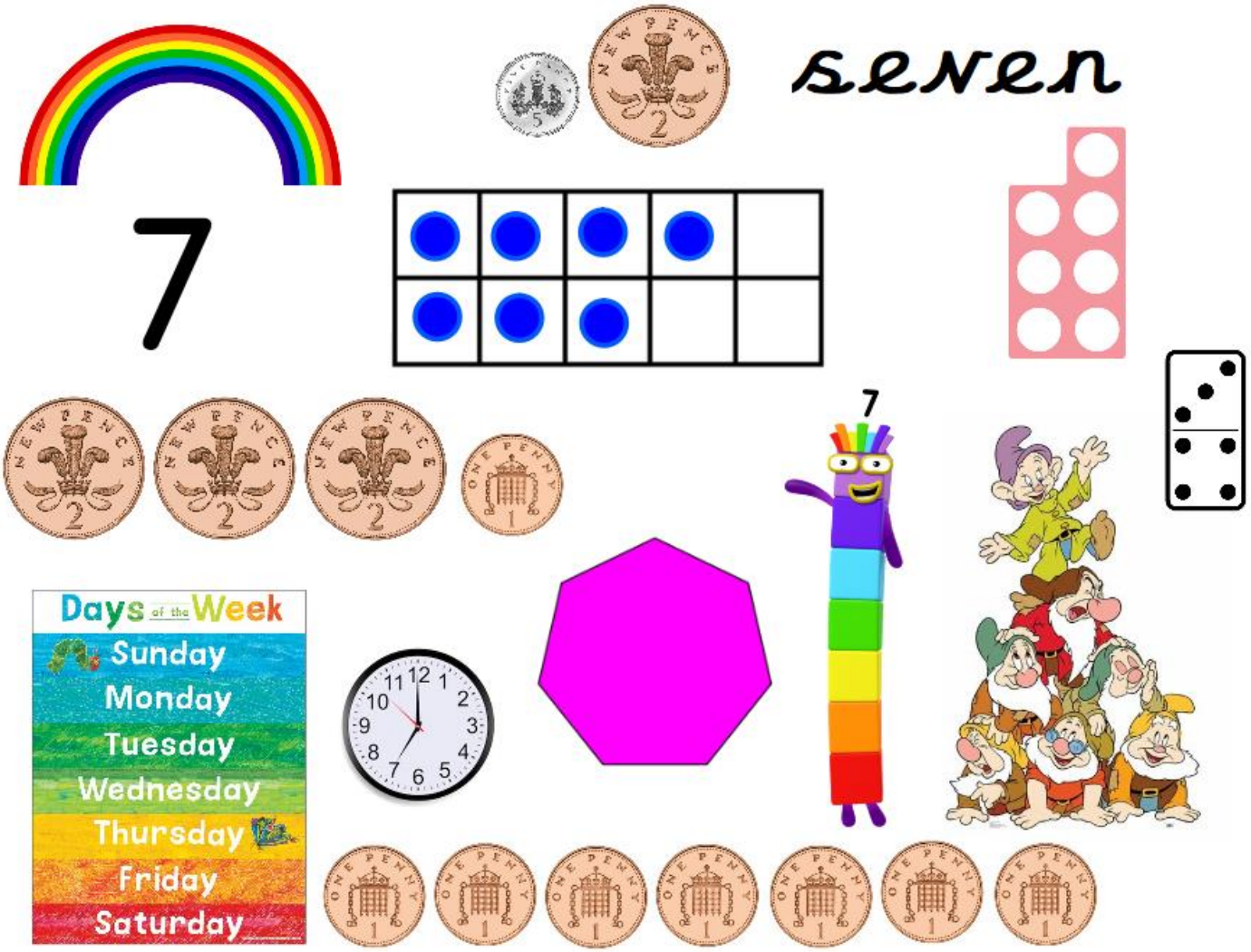
https://www.youtube.com/watch?v=mXtpjBzPMeY

Tuesday 19th January 2021

Let's start today by singing the days of the week song.

https://www.youtube.com/watch?v=3tx0rvuXIRg

There are 7 days of the week. Can you think of anything else that comes in 7s? Go on a hunt around your house for things that represent 7 to add to our Maths Mat for the number 7. Here is what I found...



Wednesday 20th January 2021

Let's get warmed up!

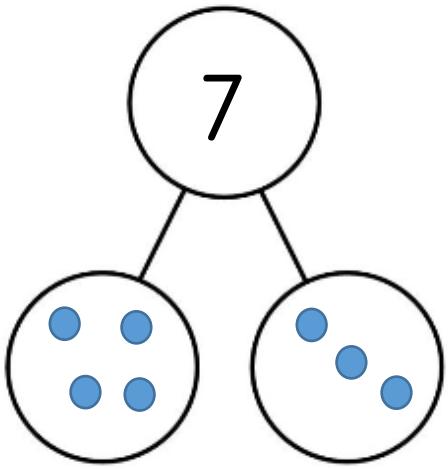
https://www.youtube.com/watch?v=PfEqSjgW4tk

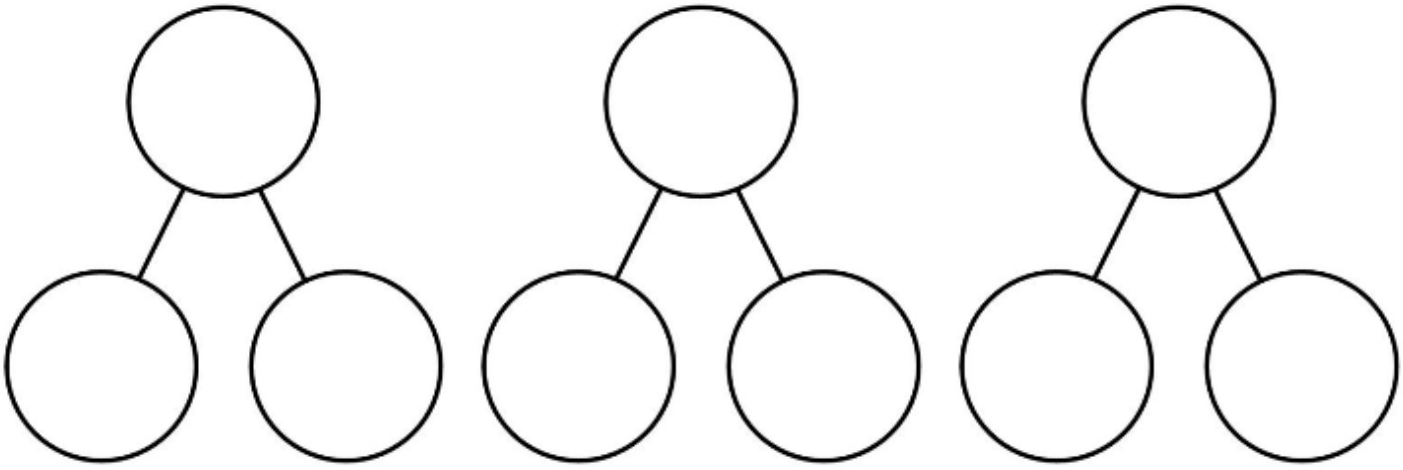
Find different ways of making the number 7. You might draw 7 dots, 7 crosses, 7 lines.

Practise writing the digit 7.

Using your part, part, whole. Can you find all the ways of making 7?

Here is one for you!



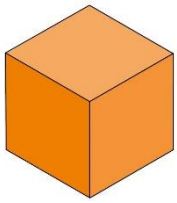


Thursday 21st January 2021

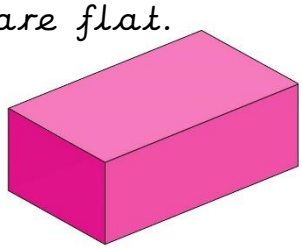
Let's get warmed up by revisiting the 2D shapes we have learned.

https://www.youtube.com/watch?v=WTeqUejf3D0

Today we are going to be learning what a 3D shape is. 3D shapes are solid. You can pick them up in your hand and hold them. 2D shapes are flat.

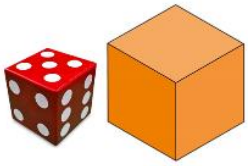


This is a **cube.**
A cube is like a dice.

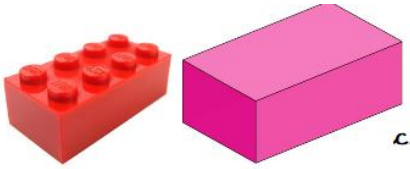


This is a **cuboid.**
A cuboid is like a Lego brick.

There are examples of cubes and cuboids everywhere! Can you help me sort the objects below into two piles?



cube

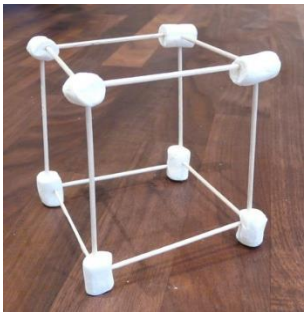


cuboid

Go on a hunt at home and see what other cubes and cuboids you can find. **Keep them for tomorrow's session!**

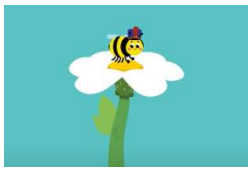
You will also need some playdough/Blu Tack/Plasticine/stickers to stick on the vertices of the shapes (these are the pointy bits!)

If you have cocktail sticks and marshmallows/grapes/blueberries/Blu Tack, making some 3D shapes at home like this picture would be a wonderful follow up activity to tomorrow's maths session.



Friday 22nd January 2021

Let's get warmed up.



https://www.youtube.com/watch?v=bWUgZm_AE64

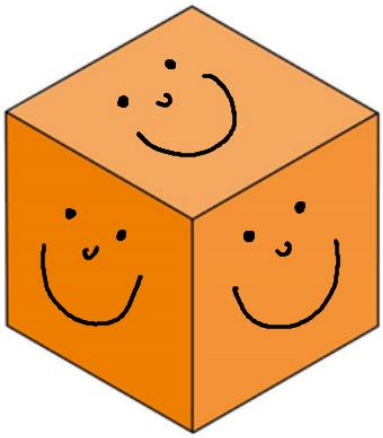
Look at the cubes and cuboids that you collected yesterday.

Today we are going to learn about the properties of a cube and cuboid. This means we are going to try and describe what the shapes are like.

Let's look at the cube. What do you notice about it?

3D shapes have **faces**. They are the flat parts of the shapes. I have drawn smiley faces on the faces of my cube...

Pick your cube up and hold it. How many faces are there? Can you count them? Only count each face ONCE. What do you notice about the faces of a cube? What shape are they? They are all **squares**!



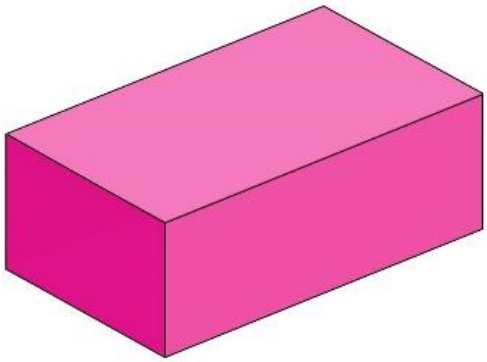
A cube has **6 faces**.

A cube has **8 vertices**.

Vertices are the pointy bits! On 2D shapes they are called corners and on 3D shapes they are called vertices. Using your playdough/Blu Tack, stick a little ball on each vertex to help you count how many there are. How many vertices are there altogether?

Pick up your cuboid and hold it. How many faces are there? Can you count them? Only count each face ONCE. You might be able to draw faces on each one!

What do you notice about the faces of your cuboid? What shape are they? Some are **rectangles** and some might be **squares**.



A cuboid has **6 faces**.

A cuboid has **8 vertices**.

You could have a go at making some cubes and cuboids at home using either straws or cocktail sticks for the edges and something mouldable and sticky for the vertices.