

Maths Home Learning Challenges

04.05.2020

Maths Activities!



Remember: Daily practice of numbers 0-20, counting forwards and backwards, ordering the numbers, talking about numbers that are more or less than 20 and recognising the numbers.

Useful websites:

Topmarks
White Rose
Cbeebies: Numberblocks

This week's maths focus is:
Measuring distance

How far can your car go?

You will need:

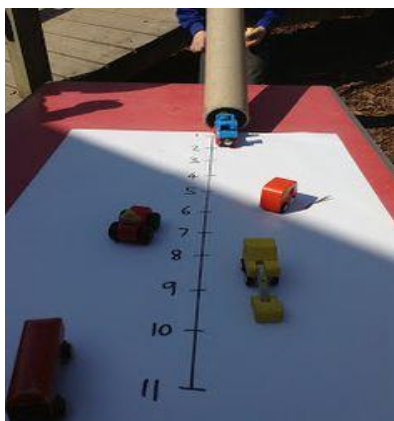
Ruler, paper with numbers up to 20, a ramp/tube, cars or any other small toys that can roll and slide!

Build a ramp, using empty cardboard tubes, planks of wood, a slide etc and start at the top of your ramp/ tunnel, let your car roll down the slide and see how far it goes!

Can you tell your grown up how far has your car travelled?

To extend: If your cars are going TOO fast, you can add more numbers on the end, let's see what's the highest number we can get?

Challenge: Estimate how far your car is going to go! Was your estimate close? If you're playing with someone else, did they estimate to?



1,2, 3...fly!

Let's make a paper aeroplane!

You will need:

A4 piece of paper, tape, ruler/ cubes to measure and colours to decorate!

You may need a grown up's help for this one...

1. Fold the paper in half vertically.
2. Unfold the paper and fold each of the top corners into the centre line.
3. Fold the top edges into the centre line.
4. Fold the plane in half toward you.
5. Fold the wings down, matching the top edges up with the bottom edge of the body.
6. Add double stick tape to the inside of the body. (There are lots of YouTube tutorials to do this!)

Now you're ready to go! Let's see how far your aeroplane can fly!

Challenge: Think of different units of measurement (hands, feet, cubes, sticks etc) to measure the distance your plane has flown! How are you going to measure the distance? Will you have numbers on the ground? Will you use a ruler? Will you use cubes?

How far can you jump?

Let's see how far you can jump! The best way to do this is outside, set up your measurements, I would use chalk to mark out



on the floor or you can use a measuring tape, string, sweeping brush – whatever you want to use to line up next to, make sure you mark out your starting point, no cheating!

Using a piece of paper, I want you to write down numbers 1,2 and 3, and after each go I want you to write how far you jumped next to the number of go's you're on, let's see if you can get better each time!

**How far do you think you'll jump?
Write down your prediction!**

Stand on your starting point and see how far you can jump, remember how we practiced how to do big jumps in P.E at school!

Challenge: If you're playing with your grown up or your siblings, get them to join in too!
See who can jump the furthest!

Can you predict who's going to jump the furthest and why do you think that?