

Foundation 2

Activity 1

Choose 8 of your toys and give half of them to your grown up. How many have you got each? Now add 2 more toys. How many do you have each now? Can you find a way to record what you have done?

Step up - Add 1 more toy. Can you give your grown up half now? Try halving different numbers up to 20 and record which ones you can halve.

Step down - Choose 6 of your toys and share them with your grown up so that you both have the same number. How many have you got each? Can you draw them?



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Activity 2

Have a look around your house, can you find any 2D shapes?

Choose three 2D shapes and write down 2 facts about each shape. Think about using words like: curved, straight, sides, corners.

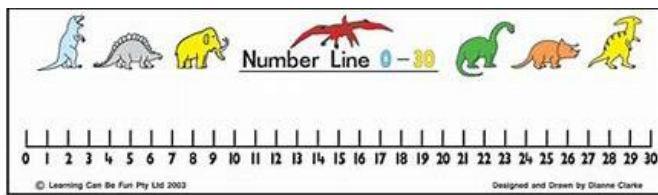
Step up- Now have a look for two 3D shapes and write down 2 facts about them. Think about using words like: curved, straight faces, corners, edges.

Step down- Have a look around your house and find three 2D shapes and tell your grown up some interesting things about them



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Activity 3



Draw a chalk number line from 0 to 20 on the floor outside or make a number line with number cards inside. Stand on 0. Ask a grown up to call out a number and jump to that number. Can you work out what one less than that number would be. Move to that number and say it out loud. Try doing this for different numbers.

Step up – Ask your grown up to call out a number and jump on the number that is 1 less.

Step down – use a 0 – 10 number line.

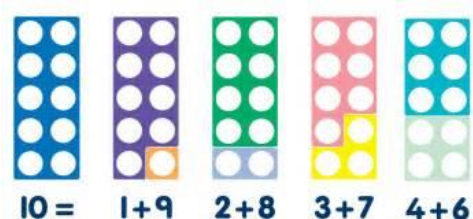
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Activity 4

Using 10 of your favourite toys, how many different ways can you find to put them into 2 piles? Can you find a way to record this? You could write the numbers or draw pictures.

Step up- How many different ways can you make 10 using 3 numbers? Now record your calculations.

Step down- Use your toys to see how many different ways can you make 5? Now show your grown up all the ways that you have found.



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Activity 5

Choose 4 things in your house that you can weigh.

Using just your hands, feel the weight of the objects and put them in the order you think they should go in, from the heaviest to the lightest. Now ask your grown up to help you weigh the objects. Did you put them in the right order?

Step up- Record your findings, for example; shoe 400g



Step down- Choose 2 things from your house that you can hold in your hand. Put one object in each hand and say which you think is heavier and lighter- ask your grown up to weigh them to see if you were right.

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Activity 6



Look around your house and see how many different ways of measuring time you can find. Can you find a clock?a watch?a sand timer? a stopwatch? What are these things used for? What numbers can you see?

Can you draw a picture of some different ways to measure time?

Step up – Use one of these timers to measure how long it takes you topick up your toys, walk around your garden or build a tower of lego bricks. Can you find a way of recording this?

Step down – Use a timer to measure how many jumps you do in 1 minute? What else could you time?

