

Ordering

Using a pack of cards or a dice, randomly choose **three numbers** and put them in order from the smallest to largest.

For an extra challenge, try to order **five numbers** or more!

Sorting

Challenge an adult to see who can think of the most things from a given group. For instance how many different types of transport can you think of, or how many kitchen items?

Sharing

Set the table for dinner, making sure everyone gets a knife, fork, plate etc.

How many of each item do you need?

Patterns

Using 2 or 3 colours (use could use bricks, pegs, or crayons for example) can you make a repeating pattern?
Set a challenge for an adult to continue your pattern by repeating it.

Dice Numbers

Have a number race using toy cars or other small items. Take turns to roll a dice and put out that many cars in a straight line. The person that gets to the finish line first wins.

Measure

Create your own balance scales using something straight like a chopstick or ruler. Peg a sock to each end and balance it on your finger. Mark the balance point with a pen. Now you can play a guessing game where you guess which of two items will be the heaviest before weighing them with your homemade scales!

Time Talk: Day and Night

Draw a line down the centre of your paper and label one side day and one side night Draw a picture of everything you can think of that you would do or see at these times. Which side will you put: an owl sleeping
a shining star
a plate of sandwiches
How many others can you think of?



Numeracy: Early Level Home Learning Challenges

Name: _____
Class: _____



Money

Play a shop game. Label some toys with a price-the cheapest one would be 1p but you might have toys that cost as much as 50p! Ask an adult or sibling if they want to take turns to be the shopkeeper. If they want to buy two things you will have to add the numbers together to work out the total cost. If they don't have the right amount exactly you will have to give them change.

Other Curricular Area Challenges:

Shape Drawings:

Draw round a plate and cut out the circle. Fold it in half, half again and half again. Open it up and draw in the fold lines. Now draw on toppings and you have a pizza!

Stay Fit:

Using a ball, try to throw and catch it 10 times without dropping it. Make the challenge harder each time. Try bouncing and catching, or turning round before you catch.

Number Hunt:

Every time you listen to a story, make a note of all the numbers that you hear. How many stories can you think of that have the number 3 in them?