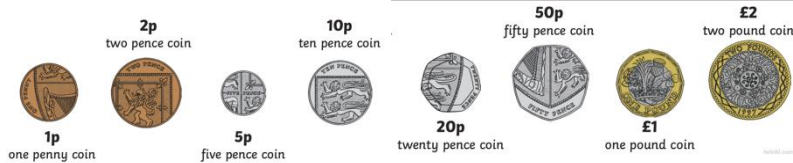


Helping your child with maths

Here are some of the mathematical concepts children should know by the end of year 3.

Money



- Make sure your child knows what each coin looks like and the value.
- They need to understand that 10p is the same as 10 lots of 1p and 20p is the same as 20 lots of 1p or 10 lots of 2p.

Can they make 94p in coins? What's the least coins they can use? The most? Can they make the number using 7 coins etc? Could they add up the cost of items at the shop. E.g. If a pizza is £2 and we buy 3, how much would this cost?

Can they add up any loose change you have?

Can they compare prices at the shop?

Can they tell you what change you will get?

Time



- Tell the time to the nearest minute
- Draw hands on a clock to show these times.
- Use terms like a.m./p.m afternoon, noon, midnight.
- Can they tell you how long dinner lasted? They were at the park etc
- Know the number of seconds in a minute, days in each month and days in a year.

Measure

- Measure and estimate in cm and m
- Measure and estimate in g and kg
- Measure and estimate in litres and ml



Could children help you to measure grams and ml when cooking? Estimate and measure items in the house using a ruler or tape measure.

You could measure the growth of a plant.

Number

- Find missing numbers. Eg. $52 + ? = 84$.
- 2, 5 and 10 times tables should now be secure
- Multiplication and division facts for the 3, 4 and 8 times table .
- Split a shape into half, thirds and 4 quarters. Divide counters into half, thirds and quarters.
- Read, write and compare numbers to 1000.

Could you get children to share out 12 counters into 4 groups (quarters)

There are lots of songs, books and games to learn times tables.

Shape

- Can they name common 2d and 3d shapes including cubes, triangles, pentagons, oval, cuboids, cubes, pyramids and spheres.
- Can they identify angles from sight. Obtuse, acute, right angle and reflex angle?

