Helping your child with maths

Here are some of the mathematical concepts children should know by the end of year 4.

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?

Can they compare prices at the shop?

Can they tell you what change you will get?

Can they add up the cost of some of the items on your shopping list?

Give your child a receipt. What different combinations can they use to create the total?

Time

- Tell the time to the nearest minute.
- Use terms like a.m/p.m afternoon, noon, midnight.
- Can they compare the duration of 2 events?
- Know the number of seconds in a minute, days in each month and days in a year / leap 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.

Know the number of g in a kg or ml in a L.

Can you record your data in a bar chart or graph?

Number

- Find 10, 100, 1000 more or less than a given number.
- Order and compare numbers beyond 1000.
- 2, 3, 4 , 5, 8 and 10 times tables should now be secure
- Multiplication and division facts for the 6, 7, 9, 11 and 12, times table.
- Round a number to the nearest 10, 100 and 1000.
- Add and subtract numbers with 4 digits.
- Describe positions on a grid using coordinates.

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

Battleships can help with coordinates.

Shape

- Can they name common 2d and 3d shapes?
- Can they identify angles from sight. Obtuse, acute, right angle and reflex angle?