



## Termly Maths Update Year 6

### Maths News

So far this term, we have been looking at Place Value, mental calculations and types of number. The children really enjoyed a particular lesson on multiples and factors where they used technology and accessed a program which allowed them to create multiple and factor chains. They had a great time exploring the numbers and seeing who could create the longest chain link.

### Homework on Google Classroom

Please encourage your child to complete their homework independently. Any errors and misconceptions will be addressed in school by their teacher.

### Helping with Maths at Home

Outlined below are some fun, simple ideas and ways to help your child expand their knowledge of maths in the real world and enhance their reasoning skills. *Focus areas for the coming term are written in purple.*

- Spotting and gathering different shapes around the house - e.g. "Can you gather 5 cuboids?"
- *Involving your child in measuring ingredients when cooking and asking them to convert between metric units of measure - e.g. "what is 1200g in kg?"*
- Asking your child to add, subtract or calculate change whilst shopping with money - e.g. "If I pay with £20, how much change will I get?"
- Discussing any graphs seen on TV or in newspapers - e.g. "What does this graph show us?" "What type of graph is this?"
- Discussing and encouraging your child to read timetables for buses, trains and other transport you use - e.g. "How long is the journey from A to B?" "Which is the best route to take?"
- Before throwing packaging away allow children to 'unmake' the 3D shape into its net. Year 6 extension: can they re-arrange parts of the net to make another net that will still work?
- Pouring liquids and predicting the capacity remaining in fractions, decimals and percentages e.g. when pouring milk onto cereals, "What percentage of the pint is left?"
- Buying an analogue clock and rehearsing use in the house - e.g. "How long is it until X?"
- *Discussing the temperature when it drops to negative numbers - e.g. "It is -5 degrees Celsius, if the temperature rises by 7 degrees today, what will the temperature be?"*

### Extra Resources to explore

- TT Rockstars - used for your child to practise the skill of finding multiples of larger numbers.
- BBC bitesize - can be used to play maths games and encourage rehearsal of learning.
- Mathigon App - used for extra practise of shape, number, fractions, algebra, probability and data.
- 'Guardians of Mathematica' from the BBC is a fantastic game where the children can access different Maths 'realms' and it will tailor the level of difficulty to the child playing. The level starts at Year 3 but with each 'battle' it will assess your capability and adjust the difficulty. It is best played on a single device where play data can be saved.