



## Termly Maths Update Year 5

### 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 negative numbers where they completed a reasoning investigation linked to their Science topic of Earth and Space. They had to see who could land a spacecraft closest to the base using the concept of above and below sea level and had a great time doing so.

### 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 identify a cuboid in the house?"
- *Involving your child in measuring ingredients when cooking and asking them to convert between metric units of measure - e.g. "what is 2000g in kg?"*
- Asking your child to add, subtract or calculate change whilst shopping with money - e.g. "What is the cost and A and B together?"
- Discussing any graphs seen on TV or in newspapers - e.g. "What type of graph is this?"
- Discussing and encouraging your child to read timetables for buses, trains and other transport you use - e.g. "Can you tell me when we should arrive at X?"
- Before throwing packaging away allow children to 'unmake' the 3D shape into its net. Year 5 extension: can they name the 3D shape the net creates?
- Pouring liquids and predicting the capacity remaining in fractions and decimals e.g. when pouring milk onto cereals, "What fraction of the pint is left?"
- Buying an analogue clock and rehearsing use in the house - e.g. "What time was it 5 minutes ago?"
- *Discussing the temperature when it drops to negative numbers - e.g. "It is -5 degrees Celsius, if the temperature rises by 3 degrees today, what will the temperature be?"*

### Extra Resources to explore

- TT Rockstars - used for your child to practise their times tables and multiplication skills.
- BBC bitesize - can be used to play maths games and encourage rehearsal of learning.
- Maths Frame - a website on which Maths games can be played for free to support the rehearsal of key learning in a fun way. I recommend playing on 'Medium' or 'Hard' for Year 5.
- '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.