# Home Learning Year 6

This Week's Maths Tasks	WC 8th June 2020
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#### Mental Maths

- Please practise your times tables knowledge. These are important to so many areas of Maths. Some ideas for practising these are:
  - o Times Tables Rockstars (I will keep an eye on how you are all progressing) Please feel free to challenge me too!
- Complete the Mental Maths sheet 6:8. Remember to please have a go before you check the answers!
- https://www.topmarks.co.uk/maths-games/mental-maths-train Try this game to speed up your mental calculations using all four operations.

# Activity 1 – To identify properties of 3D shapes.

- o Fill in the 3D shape table with the number of vertices, edges and faces each one has.
- o <a href="https://mathsframe.co.uk/en/resources/resource/115/sorting\_3d\_shapes\_on\_a\_venn\_diagram#">https://mathsframe.co.uk/en/resources/resource/115/sorting\_3d\_shapes\_on\_a\_venn\_diagram#</a> Play this sorting game to place the 3D shapes into the correct circle-depending on its properties.
- o Complete the 3D shape net challenges.

## Activity 2-To understand BODMAS/BIDMAS-Order of operations.

- o Watch the BODMAS/BIDMAS PowerPoint to remind you of how to complete 'Order of Operation' type calculations.
- o Complete the 'Propeller' 9 question sheet-this is a practice activity.
- o Attached is a full booklet linked to BODMAS-work through it and complete as much as you can. Please ask any questions you have on Seesaw.
- o Try the Testbase style questions on BODMAS-again just complete the ones you can!

### **Investigation Time!**

O Complete the investigation-The Theatre Problem-Read each section carefully and think about the information you are given-it will build up a picture to help you solve the mystery.

#### Useful Links and Videos

- https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths
- https://mathsframe.co.uk/en/resources/category/22/most~popular