



Measurement (conversion), Perimeter, Area, Volume & Ratio

At Sandhurst School we follow White Rose Maths - a practical based program that allows children to explore maths with equipment and gain a deeper understanding through reasoning and problem solving.

For more information please visit <https://whiterosemaths.com/for-parents/>.



This half term we will be mainly focusing on measurement; ranging from converting metric/imperial measures to using formulae to calculate perimeter, area and volume. We will also be introducing the concept of ratio, looking at its relation to other areas of maths, as well as learning how to calculate this accurately. We will be:

- Converting metric measures
- Calculating metric measures
- Converting miles and kilometres
- Converting between imperial and metric measure
- Calculating area & perimeter
- Calculating the area of a triangle
- Calculating the area of a parallelogram
- Counting cubes to find volume
- Learning how to calculate the volume of a cuboid using formulae
- Using the language of ratio
- Considering the relationship between ratio and fractions
- Introducing the ratio symbol
- Learning how to calculate ratio
- Using scale factors to help calculate ratio
- Calculating ratio and proportion problems

Mathematical Talk

Grams, kilograms, millilitres, litres, millimetres, centimetres, metres, kilometres, multiply, divide, length, width, perimeter, area, volume, base, ratio, proportion,

Useful Links & Info

<https://www.busythings.co.uk/>

<https://sandhurstprimary.itslearning.com/LearningToolElement/ViewLearningToolElement.aspx?LearningToolElementId=44624>

<https://play.ttrockstars.com>

We will be completing bi-weekly arithmetic tests to prepare them for SATS and provide them with the opportunity to apply their skills and knowledge.

How can you help at home?

- Practise times tables every evening to consolidate knowledge
- Use websites such as Sumdog, Education City and TTRockstars to improve mental maths skills
- Allow your child to help with real life mathematical skills such as cooking, cost/change of an item and measuring
- Ensure they are keeping up to date with their homework passport

Maths Passports

Your child will also be working on their targets in their Maths Passport

