


Ideas for how you can help your child with their learning in Maths.

➤ Maths Reasoning Problems


Problems of the Day 2019 Day 1

1 Sam has these bread rolls to sell.




He sells 14 of the bread rolls.
How many does he have left?

2 Emma has 3 tins of paint.



Each tin contains 5 litres of paint.
Emma uses 7 litres of paint.
How many litres of paint does Emma have left?



White Rose Maths March Problems of the Day (pdf uploaded to the Oak Class web page)

These are aimed at Year 2 children. They are the style of questions which are normally found in the Year 2 SATS. They are good opportunities for the children to apply their mathematical knowledge in context and are really good reasoning practice.

We would recommend that you only do a couple at a time, as getting the most out of each question will require some thought and time.

The best way to tackle these problems is with lots of talking about the information you are given. Underline, highlight (in different coloured pens if necessary!) all the key information that you are told. Draw pictures of the information - maybe a bar model. Encourage your child to explain to you what they are being asked to find out. What is the missing information? When they have worked out an answer, encourage your child to check that they are right. Could they use an inverse operation to check that the answer is correct? Could they use their skills of estimating to check that it is a sensible answer?

We would recommend doing no more than 2 questions at a time. Short, sharp bursts are better than a longer session to keep interest and enthusiasm for the task.

➤ BBC Bitesize Maths Problem of the Week

<https://www.bbc.co.uk/bitesize/articles/zfpfp4j>

These have been created in conjunction with White Rose Maths. A set of problems was published online for each week of March. They are still easily accessed on BBC Bitesize.

Warning - these problems start at KS1 level but go on to KS2 and beyond! We would only expect the very confident mathematicians to be able to have a go at the first few questions. However, if anyone is up for a challenge (maybe as a whole family) then do take a look!

➤ White Rose Maths Parent Workbooks



Don't worry these are for the children to complete, not the parents! This is a free resource which can be downloaded from the White Rose website.

<https://whiterosemaths.com/for-parents/parent-workbooks/>

A kindle version of each workbook is available for free on Amazon.

There are different workbooks for Year 1 and for Year 2, covering each aspect of the curriculum for Maths in each year group.

The key areas where extra practice is beneficial are:

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Time

➤ **Times Tables Facts**

Start with learning the 2, 5 and 10 times tables. Once these facts (including the division facts) are secure, you can move onto the 3s, 4s and 8s. We always look for patterns in times table facts e.g. doubling the 5 times table gives you the 10 times table and likewise for the 4 and 8 times tables.

The children need to learn the whole times table fact e.g. $2 \times 4 = 8$ as well as being able to count up in multiples of the times table.

Oxford Owls Times Tables in Schools document (uploaded to Oak Class web page) gives some good ideas of games that you can play at home to help with the learning of times table facts. Some of the games refer to learning 6 x table which is beyond the expectations for Y2, but you could easily adapt it to the 2, 5, 10 times table.

There are a range of games that can be played for free on the link below, practising times tables of your choice.

<https://www.timestables.co.uk/games/>

➤ **Calculation Methods**

We have uploaded a document to the Oak Class web page which shows the methods we use in our Maths lessons for addition and subtraction. You might find this useful so that you can see how we are teaching the children to add and subtract numbers. Most of the methods involve the use of a number line.