

Maths is one of our school's main priorities this year in what we call our SIP (School Improvement Plan). Though our children achieve good results in maths and make excellent progress over time we believe that we can still do better, so they flourish even further.

We thought that you would like to know more about how we teach maths in school. You might have heard teachers talk about maths mastery but what is this and how does it help our children?

What is maths mastery?

Teaching for mastery involves:

- High expectations for all children
- Fewer topics covered in greater depth
- Number sense and place value coming first
- Problem solving is central, ensuring an understanding of why it works so that children understand what they are doing rather than learning to repeat routines without grasping what is happening.

Challenge provided through greater depth, rather than accelerated content. This allows children to deepen their knowledge and improve their reasoning skills rather than superficial learning.

Mastering number at KS1 and KS2

Willow, Chestnut and Oak class take part in the Mastering Number Programme. In Year 1 and 2 this involves a short daily session to develop the children's number sense and fluency with numbers. Chestnut and Oak's daily sessions develop fluency with multiplication and division facts and develop a confidence and flexibility with number.

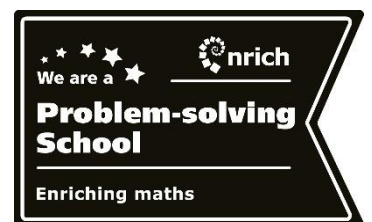
Our School is part of the GLOW maths hub

This involves working with other schools on improving maths in our school through on-going training, visiting other schools, working with teachers from other setting. We also work with the National Centre for Excellence in Mathematics (NCETM), a DfE funding group that support and train teachers through initiatives such as Mastering Number in KS1 and KS2.

How are we improving maths across the school?

We Are a Problem-Solving School

We are excited to be an Nrich problem solving school this year. Nrich are an institution linked to Cambridge University who are committed to providing and promoting problem solving in maths. This means in school we will focussing more on problem solving throughout the school and giving all children the opportunity to be more curious and confident mathematicians. To find out more and how you can get involved with your child at home here a link to their website: <https://nrich.maths.org/parents>



TT Rock Stars!

Repeated practise with key skills such as times tables does make a real difference to children's overall maths skills and ability to solve problems.

We are excited to be taking part in TT Rock Stars **England Rocks** this year. If your child has a TT Rock Stars login they can take part and compete. See below for full details.

EVENT DETAILS

START DATE:

November
12th 2024

END DATE:

November
14th 2024

TIME:

Daily
7:30am to
7:30pm

LOCATION:

England

DAILY CAP:

1 hour per
player

HOW DOES IT WORK?

Learners will try to answer as many multiplication and division questions correctly as they can. The winning school and class will be based on the highest average number of correct answers per pupil.

RULES:

1. Every correct answer that a student gives, in any game type, between the hours of 7:30am GMT to 7:30pm GMT each day will contribute to their class and school score.
2. There is a 60-minute limit playtime per player, per day.
3. Each class has a minimum player count of 10. If fewer than 10 in the class play in the competition, their total will be divided by 10 regardless.

WHAT ARE THE PRIZES?



AMAZON VOUCHERS

The top 3 primary age and secondary age classes based on average score will receive:

- 1ST PLACE: £100 AMAZON GIFT CARD**
- 2ND PLACE: £75 AMAZON GIFT CARD**
- 3RD PLACE: £50 AMAZON GIFT CARD**



CUSTOM CERTIFICATES

- TOP 3 SCHOOLS**
- TOP 3 CLASSES IN YOUR SCHOOL**
- TOP 3 PUPILS IN YOUR CLASS AND SCHOOL**
- TOP 3 PUPILS OVERALL**

If you have any questions about maths, please ask your child's class teacher at parents evenings.

Mr Pugh

Maths Subject Lead