



RADDLEBARN'S CURRICULUM NEWSLETTER

Maths

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Maths at Raddlebarn

The mathematics curriculum at Raddlebarn is rooted in a triple emphasis on **fluency**, **reasoning** and **problem solving**, through which we aim for all children to build a deep understanding of concepts so they can apply their skills fluently and flexibly in a variety of familiar and unfamiliar contexts. We aim to encourage and develop their security and confidence in the subject, which is a valuable skill for life-long learning.

To complement our school's mission statement: 'Success for all', we encourage children to see themselves as mathematicians and firmly believe everyone can find success through maths enquires, investigations and problem solving.

We have fully transitioned to using '**White Rose Maths Hub**' for our calculation policy and Long-Term Plans. We do compliment these with other resources in an engaging way. This proved very successful during home learning and provides children with concrete, pictorial and abstract models and images. If you would like more information on White Rose, please visit their website <https://whiterosemaths.com/who-we-are/about-white-rose-maths/>

Hello and welcome to this week's curriculum newsletter all about Maths at Raddlebarn. In this issue you'll find information about maths at Raddlebarn, pupils attitudes to maths and how we can all raise the profile of maths!

Thank you for taking the time to read and I hope you find this helpful. If you have any questions, please feel free to contact me!

Mr Orgill

Pupil Voice in Maths

Last term, children completed a questionnaire about how they feel about maths at Raddlebarn. The responses were overwhelmingly positive and here are some of the headlines:

- ✓ **90%** of children said they 'Enjoy maths lessons'
- ✓ **96%** of children said they 'Want to do well in Maths'
- ✓ **93%** of children agreed that their teacher 'Explains things clearly in maths lessons'

Some comments from children:

- ✓ "I know I will need maths for the future"
- ✓ "I love maths and learning new topics"
- ✓ "I always try my hardest in maths lessons"

Times Tables Rockstar's (TTRS)

Times Tables are arguably one of the most important concepts that children need to master at primary school. By the end of Year 4, children are expected to know all of their time tables (up to 12×12) and are tested on these through the Multiplication Times Table Check (MTC) <https://www.gov.uk/government/collections/multiplication-tables-check>. This will take place in June.

To encourage children to learn their times tables in a fun and interactive way, we use an online platform which is bespoke for each child (Year 2-6). It slowly teaches children their times tables with levels, rewards and points as they progress through. Ask your children about TT Rockstar's, or even better – get them to teach you how to use it! <https://ttrockstars.com/>

This year, we were lucky enough to celebrate TT Rockstars day at school. Children took part in a Times Table themed maths lesson, TT battles and some even incorporated maths into their English lessons!



Raising the Profile of Maths at home!

1. **Be positive about maths.** Try not to say things like "I can't do maths" or "I hated maths at school" – your child may start to think like that themselves.
2. **Point out the maths in everyday life.** Include your child in activities involving numbers and measuring, such as shopping, cooking and travelling.
3. **Praise your child for effort** rather than for being "clever". This shows them that by working hard, they can always improve.

Century Tech (Year 3 – 6)

In school, children use an online system to help fill the gaps with their maths knowledge. Century Tech is an artificial intelligence system which will teach children objectives that children need more work on. It would be great if you could encourage your child to complete some 'nuggets' at home in preparation for learning in class. For more information on Century Tech, please visit this website

<https://www.century.tech/about-us/>



Useful websites to help support maths at home

- Some really useful activities to help support children with maths
<https://www.nationalnumeracy.org.uk/helping-children-maths>
- Oxford Owl have some super videos to help with maths at home.
<https://www.oxfordowl.co.uk/for-home/advice-for-parents/learning-at-home-videos/parent-how-to-videos/how-to-help-with-maths-videos/>
- Aimed for Early Years: some useful tips to incorporate maths into everyday life
<https://www.familymathstoolkit.org.uk/5-years-old-and-under/around-the-house>
- A five minute read into how to help with maths at home
<https://educationendowmentfoundation.org.uk/news/blog-supporting-the-learning-of-mathematics-at-home>
- A well written article from CBBC about how to help children at home with maths
<https://www.bbc.co.uk/cbeebies/growups/help-your-child-with-maths>
- A link here to our Curriculum Overviews to see the topics your child will be learning <https://www.raddlebarn.co.uk/home/learning/curriculum/curriculum-overviews/>

Maths in action!

