

News

We are pleased to announce the winners of our Term 5 TTRS competition. A huge well done to Sphinx, Hippogriff, Wyvern and Dragon Class who all enjoyed an extra Forest School session with Miss Hall as their reward.

A big well done also to the TTRS Rock Stars of the Week for this month: Nicholas, Peony, Hayden, Lilliana, Aarna, Jacob, Kemal, Isla, Harriet, Jack, Robert, Sannie, Ellis, Vinisha, Blake, Leo, Max, James, Yaoyuan, Hadassah, Charlotte, Layla, Liam, Scyld, Swati and George.

Did you have a go at any of the maths activities in hall during open evening? We were pleased to see lots of different children showing off how to use different resources to their parents.



Maths Website of the Month

How good at you at telling the time? The Maths Frame website has lots of fantastic resources to support you in learning to read digital and analogue time: <https://mathsframe.co.uk/en/resources/resource/116/telling-the-time> There's lots of different activities you can try! Which one will be your favourite?



We'd also like to recommend the app 'Jungle Time'. Unfortunately, this is a paid app (£2.99), but it is a fantastic resource to help support with children learning to tell the time.

Maths in the Workplace!

This month we spoke to Mr Crockford who told us all about how he uses maths!

What do you like about maths? I like how maths can be used day-to-day – following a recipe to cook something delicious; DIY such as working out how much paint you need to cover a wall; or in photography to get the balance of colours correct.

What do you find tricky about maths? I find it tricky when there are lots of steps to a calculation, and you need make sure you make time to go back and check your work. Often, I find mistakes in other people's maths which is normally because they didn't spend a little bit more time checking what they did.

Did you like maths at school? What do you remember about your maths lessons? I liked some parts of maths. My favourite parts were learning about percentages and drawing graphs and charts.

What is your job? I am Director of Finance, Performance and Governance for a national cancer charity.

How do you use maths in your job? Are there things you have to do every day whereas others are rarer? I use maths to help others understand how the charity is performing and make decisions about where we can spend our money and time to help the most people. I often use things like percentages or ratios to help people understand what is happening.

Does your job just involve maths, or are there other aspects to it? A lot of my job involves talking to people, and then using the numbers we have calculated to help them make decisions. For example, explaining what their donation could do for us in terms of increasing services.

Maths is great way at helping our brains learn how to problem solve. In what ways do you problem solve in your job? Often we have two or three options we could do to help people. I use maths to help put some numbers on how many people might be helped with the money we have. This helps us make sure we help as many people as we can with the money donated to us.

What's one thing you wish people (or children!) knew about maths? That numbers are a great to help take a complex issue and make it easier to understand. You don't always need a hundred words, when one number or chart could explain it for you.

Thank you for speaking with us, Mr Crockford!

We want to see what maths you get up to at home! Send in pictures of yourself doing maths at home. It could be that you want to do some maths based on the monthly topic (see below), or you might want to come up with your own ideas. Some suggestions might include: making patterns, drawing pictures, using money, cooking and so on. The world is your oyster! Send your photos into maths@slade.kent.sch.uk by Friday 14th July.



Please note, as we approach the end of the academic year, this month there is no competition for a prize. However, we'd still love to see what you get up to!

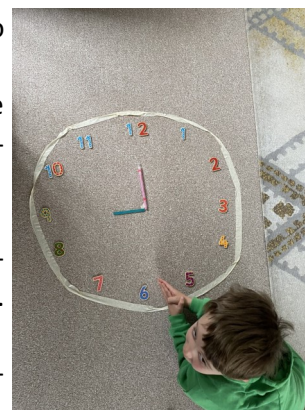
Maths at Home

In each newsletter there will be some suggestions for activities that you can do at home. Each month we will either have a focus using one resource or a focus on one area of maths. This month, our theme is...telling the time.

By the end of Year 6, children are expected to be able to read analogue and digital (including 24 hour time). Below is a break down of what children are expected to be able to do by age. Time can often be quite a challenging concept for children to understand, so a 'little and often' approach is usually the best way to help children make progress.

EYFS/KS1

- ⇒ Can you make your own clock face? How creative can you get? Here's Finley from Year 1 who sent in this photo earlier in the year!
- ⇒ Can you guess how long it will take you to do certain things? For example, how long will it take you to run from the kitchen to your bedroom and back? Can you get better with your predictions.
- ⇒ Are there any songs or rhymes you can learn to help you tell the time?
- ⇒ Can you guess how long different time periods are? For example, get an adult to start a stopwatch and then you have to say 'Stop!' when you think a certain period of time has gone by. How close can you get?
- ⇒ Can you tell the time to the nearest hour? What about the nearest half hour? What about quarter to and quarter past? If you are in Year 2, see if you can tell the time to the nearest 5 minutes!
- ⇒ Can you remember how many minutes there are in an hour? What about hours in a day?



KS2

- ⇒ Can you tell the time to the nearest 5 minutes? What about to the nearest minute?
- ⇒ Can you tell the time in 24-hour time? Can you convert between 24-hour and 12-hour time?
- ⇒ Can you predict how long it will take you to do certain things? Challenge yourself by trying to do this with things that take longer. For example, how long will it take you to ride your bike from your house to the park?
- ⇒ Can you answer questions based on elapsed time? For example, if dinner has gone in the oven at 4:30pm and it takes 45 minutes to cook, what time will dinner be ready?
- ⇒ Can you answer questions about start and end times? For example, if a film is 90 minutes long and you need to have finished it by 7pm to get ready for bed, what is the latest time you need to start watching the film?
- ⇒ Can you solve problems involving converting units of time? For example, how many seconds are there in 3 minutes? How many hours are there in 2 days?
- ⇒ Can you read time tables? For example, if you're taking the train, can you figure out what time you will leave and get to your destination?



Challenge: Stuart's watch loses two minutes every hour. Adam's watch gains one minute every hour. They both set their watches from the radio at 6:00 a.m. then start their journeys to the airport. When they arrive (at the same time) their watches are 10 minutes apart. At what time (the real time) did they arrive at the airport?



Maths at Home Competition Winners

This month's winner is Scarlett from Year 4. Here you can see her taking on the multiplication game from last month's newsletter. Who won, Scarlett—you or your mum? Here she is with her prize! We hope you enjoy the game, Scarlett.



Here's Heidi in Year R making patterns and counting and practising some maths with her brother, Scyld, in Year 3.



Lochie in Year 2 has been busy working on his 2, 5 and 10 times tables. We love the idea of using the pegs—looks like great fun!



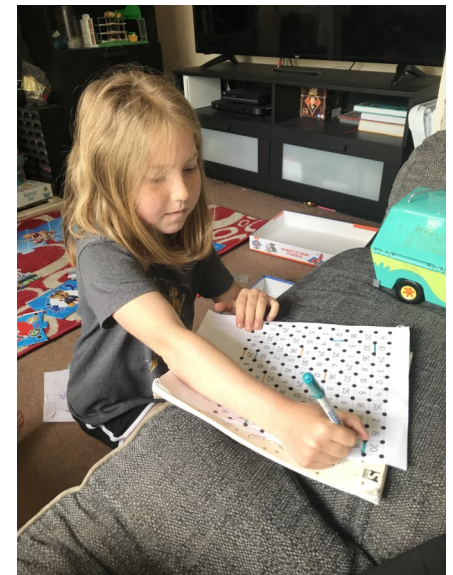
Here's Charlotte in Year 5 putting her maths skills into practice by making some banana bread.

Charlotte also has a maths riddle for us— **'When does $9 + 5 = 2$?**

Find Charlotte in Year 5 to find out the answer!



Eva in Year R has been working on her adding skills. Well done, Eva!



Scarlett in Year 4 has been working hard on her times tables. Here she is playing the times tables game from last month! Great job, Scarlett!

Solve the maths problems to reveal the hidden picture. Each answer has a special colour:

- 4, 8, 12, 18, 80 and 100 – pink
 22, 30, 40, 50 and 110 – yellow
 14, 16, 24, 90 and 120 – blue
 6, 10, 20, 60 and 70 – green

7×2	8×2	2×8	2×12	7×2	9×10	10×9	9×10	12×10	8×2
10×12	8×2	2×2	8×10	10×9	10×12	6×2	10×10	2×12	2×8
10×12	9×10	2×9	2×4	10×8	2×2	9×2	4×2	8×2	10×9
9×10	2×8	10×12	2×6	11×2	3×10	2×6	10×9	8×2	12×10
7×2	12×2	12×10	10×8	11×10	10×4	10×8	8×2	2×7	12×2
10×12	10×9	4×2	9×2	6×2	8×10	2×4	10×10	10×12	9×10
12×2	2×3	6×2	2×9	2×8	10×9	10×8	2×9	10×6	7×2
9×10	2×7	5×2	2×12	10×6	1×10	10×12	6×10	8×2	10×9
12×10	10×9	7×2	1×10	6×10	5×2	7×10	10×12	8×2	2×12
12×2	9×10	10×9	2×12	10×7	2×10	12×10	2×7	12×10	8×2

Solve the calculations to reveal the hidden picture. Each answer has a special colour:

- yellow = 1 - 6 blue = 7 - 30 red = 31 - 60 green = 61 - 90 black = 91 - 144

21 ÷ 3	35 ÷ 5	5 × 5	81 ÷ 9	4 × 7	110 ÷ 11	99 ÷ 9	63 ÷ 9	5 × 4	3 × 10	108 ÷ 9
3 × 9	32 ÷ 4	8 × 12	11 × 10	36 ÷ 3	8 × 3	12 × 7	8 × 8	6 × 12	10 × 7	7 × 9
3 × 7	9 × 11	56 ÷ 7	2 × 8	12 × 12	36 ÷ 3	8 × 11	96 ÷ 8	84 ÷ 7	56 ÷ 8	8 × 9
10 × 10	6 × 5	72 ÷ 9	96 ÷ 8	8 × 2	12 × 10	12 × 6	9 × 9	9 × 7	7 × 11	9 × 8
9 × 12	49 ÷ 7	8 × 2	4 × 5	4 × 4	11 × 11	5 × 4	36 ÷ 3	6 × 11	72 ÷ 9	96 ÷ 8
4 × 9	8 × 7	4 × 9	7 × 8	6 × 7	7 × 7	2 × 8	96 ÷ 8	7 × 12	8 × 3	4 × 5
3 × 3	7 × 7	9 × 4	5 × 9	11 × 5	4 × 7	110 ÷ 11	99 ÷ 9	7 × 9	49 ÷ 7	8 × 3
15 ÷ 3	7 × 7	12 × 4	12 × 5	12 × 3	15 ÷ 3	12 × 6	9 × 9	9 × 7	7 × 11	9 × 8
32 ÷ 8	11 × 5	4 × 9	7 × 8	7 × 6	32 ÷ 8	12 × 7	8 × 8	6 × 12	10 × 7	7 × 9
55 ÷ 11	7 × 7	12 × 4	7 × 6	4 × 9	16 ÷ 8	12 ÷ 3	12 × 6	9 × 9	9 × 7	16 ÷ 8
8 ÷ 4	28 ÷ 7	36 ÷ 6	35 ÷ 7	11 ÷ 11	32 ÷ 8	16 ÷ 8	16 ÷ 4	32 ÷ 8	1 × 4	24 ÷ 8