

## News

We are pleased to announce our new TTRS competition for Term 5. This time all classes will be doing battle against each other to see who can earn the most points over the term. The top four classes will each win an extra Forest School session with Miss Hall in Term 6. May the best classes win! A big well done also to the TTRS Rock Stars of the Week for this month: Flynn, Paul, Bobby, Lucy, Smithy, Melwyn, Teddy, Anabelle, Matteo, Sannie, Rosie, Bodhi, Jennifer, Akshara, Pranav, Rhaele, Ali Baari, Sofia, Joe and Max. Well done!



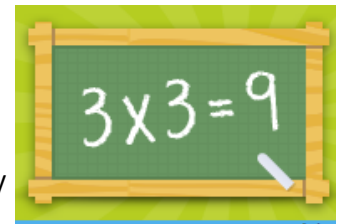
We also recently had our very first Maths Coffee Morning, where some children showed their parents some of the maths games they played in school. Watch this space for a similar event happening in Term 6. Details to follow soon!

## Maths Website of the Month

Test your times tables skills by playing lots of different games using this website:

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

There's lots of different activities you can try! Which one will be your favourite? How quickly can you recall your times tables facts?



**Maths in the Workplace!** This month we spoke to Mrs Hancock to learn about how she uses maths in her job!

**What do you like about maths?** I like that there are patterns and rules that help to solve problems.

**What do you find tricky about maths?** I am not very good at times-tables. I often have to work out the answer in my head rather than knowing it off by heart...I am particularly bad at 8s!

**Did you like maths at school? What do you remember about your maths lessons?** I DIDN'T like maths at school and regret that I didn't work as hard as I should have in that lesson. I went to school a very long time ago and maths teachers then did not make learning as interesting as they do now.

**What is your job?** I am a tax accountant, which means I help people work out if their businesses are doing well, how much money they have made and how much of it they get to keep. Everyone who earns money pays a proportion of it back, which is called 'tax', and I help to make sure you don't pay too much or too little tax back.

**How do you use maths in your job? Are there things you have to do every day whereas others are rarer?** I have to make sure that long lists of numbers are added up correctly and be able to spot when something might be wrong. I also have to do a lot of calculations for different things, which are very long sums. A big part of that depends on applying percentages. I do these things every day!

**Maths is great way at helping our brains learn how to problem solve. In what ways do you problem solve in your job?** I often have to work out a missing number by using the information that I already have. This can involve using estimates, and predicting what a number might be by using maths rules.

**If you could go back in time to your 10-year old self, what would you say?** Work harder at learning your times tables!!!

**Do you have any advice for someone who is struggling in maths?** Look for, and try to remember, patterns in numbers. Keep trying, and if see if you can find some aspect of maths that you do like.

**What's one thing you wish people (or children!) knew about maths?** When you are grown up you will use maths every single day without even realising it!

## Competition Time!

We want to see what maths you get up to at home! Send in pictures of yourself doing maths at home and you could win a prize! 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](mailto:maths@slade.kent.sch.uk) by **Monday 5th of June** for your chance to win! Winners will be announced in assembly and in next month's newsletter.

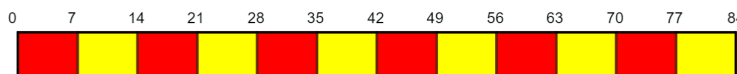
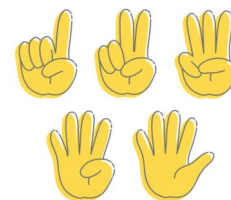


## Maths at Home

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...times tables!

## Challenges

- ⇒ We use arrays in school to help us learn our times tables. Where can you see arrays in your day to day lives? Can you use the arrays to quickly work out how many of the object there are? This egg carton shows an array of 3 lots of 4 or 4 lots of 3. I wonder where else you will see them?
- ⇒ When can you use times tables in your day to day lives? A good example is when you are handing things out to groups of people. For example, if in a game each player needs 4 counters and there are 5 players, how many counters will you need in total?
- ⇒ Play Multiplication Fingers! Play starts the same way as Rock, Paper Scissors, but instead each player shows a number on their fingers. Multiply each number together. The first person to shout out the answer, gets a point. First person to 10 points wins! Make it trickier by playing with both hands, or maybe even playing with 3 people!
- ⇒ Play Multiplication Squares (see game sheet on the next page).  
Player 1 rolls a 6 sided dice 2 times and multiplies them together. Player 1 then draws 1 line between 2 dots that is next to their answer on the grid. Player 2 then does the same. Play continues until 1 player has completed a full square on the grid. That player then scores 1 point. Play continues until the board is full or until a set amount of time has been played. The player with the most points, wins!  
**Make it easier:** use a times tables grid to help you.  
**Make it harder:** add in a timed element or miss a turn if you get an answer wrong.
- ⇒ Learn some funny ways to remember times tables facts. One of our favourites is for  $8 \times 8 = 64$ . 'I ate and I ate until I was sick on the floor!' They sound quite similar! Can you find any other ways?
- ⇒ Sing some songs or rhymes that help you remember your times tables facts. Ask an adult to help you search on the internet for some good ones!
- ⇒ Can you use a counting stick to help you learn a new times table? Look at this amazing video of a teacher helping some adults learn their 17 times tables! <https://www.youtube.com/watch?v=yXdHGBfогfw> You can use an online interactive counting stick here: <https://bossmaths.com/countingstick/> but you could even have a go at making your own one!



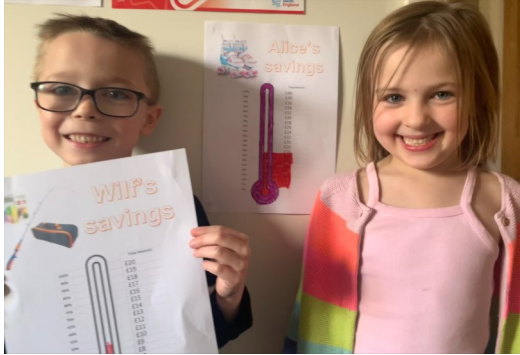
A 10x10 grid of numbers, with black dots at the intersections of the grid lines. The numbers are arranged in a regular pattern across the grid.

4	10	24	3	12	4	25	2	15	20
20	30	36	8	15	5	18	30	12	9
18	5	1	24	20	25	6	1	24	8
12	16	25	6	36	3	36	5	4	24
2	9	24	18	12	8	10	4	15	12
5	15	4	30	6	24	12	2	18	3
8	20	36	5	15	4	30	1	3	12
24	6	20	2	18	25	15	6	20	10
3	30	10	30	15	9	6	5	18	4
12	5	16	24	8	3	30	12	10	16



## Maths at Home Competition Winners

This month's winner is James from Year 2! We were really impressed at the huge range of maths James did. This included making a shopping list of the items he needed; checking packets in the shop to see which was the best value; measuring out all of the ingredients and checking the oven was at the right temperature. We were also impressed at the fraction work you did when organising the mini eggs and chopping up your creation into equal sections. You even pointed out some fractions on your way home from the shops. This has actually inspired a potential future maths challenge!



A big well done to Alice and Wilf (both Year 1) who learnt about different ways to budget their money for things they wanted to buy. They set up their own savings chart and did tasks to earn some extra pocket money. They even did some extra maths with pasta to get some bonus pocket money. We hope the saving was worth it!



Well done to James in Year 2. We were really impressed at all of the different maths you did when doing some Easter baking. The yummy recipe was found here: <https://www.waitrose.com/ecom/recipe/easter-mini-egg-traybake>

We were also impressed with the video that you sent us where you saw lots of different fractions on your way home from the shops!



Here are last month's winners, Juliet and William, enjoying opening their prize. We hope you're having fun with the game!