## News

Things are hotting up in our TTRS Class v Class competition. At the time of writing, here are the current classes leading the way: Sprite, Hippogriff, Phoenix, Wyvern and Griffin. A special mention to Year 5, who have amassed over 1.1 million points between them! Remember to keep on working hard at your times tables - the winners will get a games ses-
 sion on the field with Mrs Ball! A big well done also to the TTRS Rockstars of the Week for this month: James, Blake, Jack, Riitaj, Jing-Yi, Reuben, Isaac, Harriet, Toby Jim, Johnny, Scyld, Harrison, Abigale and Anais. Well done!

## How many triangles can you see in this picture?



## Maths Website of the Month

Can you tackle your way through the Mystic Number game to take all the treasure? Use your adding skills to help you follow the rules for each puzzle. Be sure to let us know if you can find answers to all 13!

## https://www.abcya.com/games/mystic numbers



## Maths in the Workplace!

This month we spoke to Mrs. Bali to learn about how she uses maths in her job!

## What do you like about maths?

Looking at the numbers and understanding the stories they tell.
What do you find tricky about maths?
The need to maintain focus and precision, which is not always my strong suit, particularly if I didn't have enough sleep.
Did you like maths at school? What do you remember about your maths lessons?


I did. I remember getting hot red ears when trying to solve a problem and the satisfaction I got from solving them.

## What is your job?

I help approving loans to lend to charities so they can continue do the good work they do.
How do you use maths in your job? Are there things you have to do every day whereas others are rarer?
I read financial statements every day and produce ratios which tell me whether the charities are doing their job successfully or not. The numbers tell me if they are spending more than they are earning. I also calculate whether they will be able to repay their loans.
Do you have any advice for someone who is struggling in maths?
Numbers can look really complicated and scary, but it become easier if we just take a deep breath, look at one number at a time and try using the methods we were taught in class step by step. Take your time and keep trying.

## What's one thing you wish people (or children!) knew about maths?

Maths helps communicate complicated ideas in a clear way. Maths also equips us with a set of tools that are important in many jobs. Whether we want to be scientist, a racing car designer, an architect, an engineer, a builder, someone who predicts the weather, a cook or just a stay-at-home mum or dad; we all need to use numbers in one way or the other. We don't have to be called a mathematician to use maths.

## 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 by Friday 21st of April 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...money!

## Challenges:

$\Rightarrow$ If you have a money box at home, try some of the challenges below:

- Can you learn about all the different coins and notes we use in the U.K.?
- Can you organise your money into groups of the same coins?
- Can you count how much money is in your money box? Are there different ways of doing this? Which methods do you prefer? Can you use your times tables to help you with this?

- Can you swap some change you have for equal amounts of money with someone (i.e. swap ten 10p coins for £1).
- Can you put money into two different piles. Can you work out which pile has more money?
- Can you work out how many different ways there are to make different totals (i.e. how many different ways are there to make 20p using coins?)
$\Rightarrow$ Go into a shop and buy something with real money. Some things for you to try:
- Can you write a shopping list of things you need and how much you think they will cost? Reflect if you stick to your budget or not!
- Can you check you have enough money to pay for something?
- Can you do some rounding and mental addition to work out roughly how much


2 or more items will cost?

- Can you check you are given the correct amount of change?
- Look extra carefully at the price tags. Can you work out which deals are the best?
- Can you calculate how much something costs if the price is calculated by weight?
$\Rightarrow$ Set up your own pretend shop to play with (you could always use Monopoly money!)
- Can you play the role of shopkeeper? Make sure you set your prices fairly and make sure your customers pay the right amount of money!
- Can you play the role of customer? Make sure you have enough money to pay!
$\Rightarrow$ Negotiate with an adult for some pocket money for helping with some jobs at home.
- If you're given 2 options, can you work out which you would prefer (i.e. is it better to get paid 20 p for each day to unload the dishwasher, or getting paid $£ 1$ to do it for the whole week?).
- Can you work out how much you will get if you complete all parts of your job?
$\Rightarrow$ If you have any other currencies at home, can you work out how much they are worth in pounds?
$\Rightarrow$ If you have a savings account with a bank, can you work out how much interest you should receive?


## Maths at Home Competition Winners

This month's winner are Juliet and William. We were so impressed by how well you played together and especially loved the homemade Numicon! Here they are with their prize!


Well done to Juliet (Y3) and William (YR) who played a place value game. We were especially impressed that Juliet made her own Numicon to help her brother play the game!

Here are last month's winners, The Shafer's, enjoying playing their well earned prize around the dinner table.


