

News

It's been great to see so many children spend time learning their times tables this term. A big well done to the following children who have been the TTRS Rock Star of the Week: Esme, Isaac, Scarlett, Liliana, Nivy, Zachary, Aazeen, Swati, Akshara, Otis Reuben, Bodhi, Taianna, Abigale, Lucas, Lochie, Oskar, Nisha, Lucy.



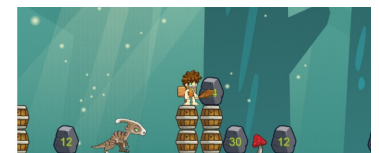
Last time we announced our Term 2 TTRS competition, with the winners getting a Christmas film afternoon. As things stand at the time of writing, the top three classes are Dragon, Phoenix and Wyvern. There are still several weeks left, so it is still all to play for!

Next month 4 children from Year 6 will represent Slade in the Invicta Maths Challenge. Make sure to check in next month to see how they got on!

Maths Website of the Month

Can you help Stone Age Stu find his way to safety? Use your adding skills to help him tackle the different levels. How far can you get?

<https://mathsframe.co.uk/en/resources/resource/570/Stone-Age-Stu-Addition>



Puzzle Time!

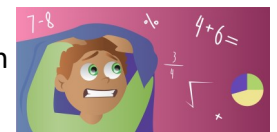
6	+		=	14
+		+		+
	+	9	=	16
=		=		=
13	+		=	

20	-	12	=	
+		+		+
25	-		=	13
=		=		=
	-		=	

$$\begin{aligned} \bigcirc + \bigcirc &= 10 \\ \bigcirc \times \square + \square &= 12 \\ \bigcirc \times \square - \triangle \times \bigcirc &= \bigcirc \\ \triangle &= ? \end{aligned}$$

Parents and Carers Corner

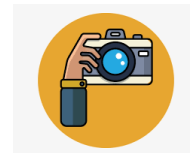
Each month we are looking at Jo Boaler's work on maths anxiety in children. This month we look at the second key area.



Talk about the value and importance of maths

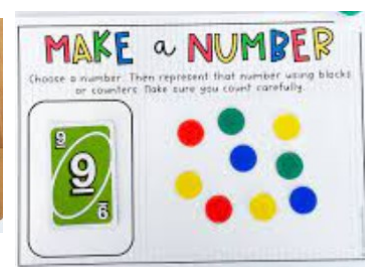
It is really important to talk to children about how maths is used in their lives and also the lives of those around them. Engaging children in maths in daily activities such as proportions of recipes, calculating change and counting. You might want to talk about how different careers use maths in different ways. Finally, show them that maths can be fun! Play different games together. Games that involve luck or where there are lots of opportunities to win are often a good place to start!

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 Monday December 11th. This month, we are using Uno cards!



Uno!

- ⇒ Play normal Uno - it is a great game to develop number recognition!
- ⇒ Play snap with the Uno cards. How quick can you be?
- ⇒ Can you match Uno cards to dominos?
- ⇒ Can you sort Uno cards into odd and even piles? How quickly can you do it? What if you make 2-digit numbers?
- ⇒ Take it in turns to pick an Uno card. Can you count out an amount of objects to show the number? Maybe you can even make a tally with lolly sticks!
- ⇒ Take it in turns to take 2 cards. Add your cards together. The person with the highest total, wins! Challenge yourself further by multiplying the numbers together or by making 2 or 3 digit numbers to add together.
- ⇒ Take 2 Uno cards. Can you use the greater than or less than symbols (< or >) to create a number sentence?
- ⇒ Use the picture cards to make some missing number sentences. Can you work out what the picture cards will be worth?
- ⇒ Pick out an Uno card at random. Can you make a shape with the same number of sides using toothpicks?
- ⇒ Draw a place value grid with hundreds, tens and ones. Take it in turns to pick Uno cards. Decide if you are going to place it in the hundreds, tens or ones place value column (once you've placed it, you can't change it later!). Keep playing until both players have a full grid. The person with the biggest number, wins a point! Challenge yourself further by playing with larger numbers!
- ⇒ Get a 100 square. Take it in turns to pick 2 Uno cards. Multiply the numbers together. With the answer, colour in the number on the 100 square. Play for a set amount of time. The person with the most coloured squares at the end, wins!
- ⇒ Pick 2 cards at random. Can you decide if it is a prime or composite number? If you pick a prime number, you get a point!
- ⇒ Both players pick 2 cards at random. Use them to create improper fractions - numerators (top number!) bigger than the denominator (bottom number!). Convert them into mixed fractions. The person who has the biggest number, gets a point!



$$3 + 5 + 2 = 10$$



Maths at Home

There were lots of children who were busy working on their maths skills after October's newsletter. Well done to everyone who sent in their photos. We hope you enjoy looking at the fantastic maths they got up to!



Reno (YR) has been busy making repeating patterns using Play-Doh, whilst Rhaele (Y3) has been busy practising her times tables. Well done both of you!



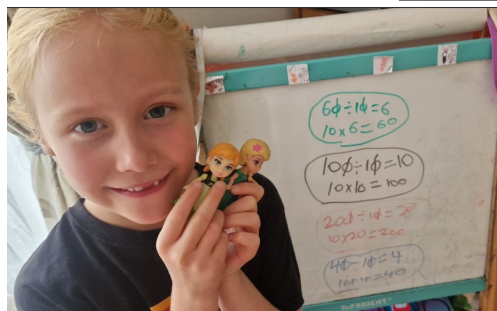
Ottillie (Y2) made her own items and coins for a shop using Play-Doh. She priced things up and then worked out change. We love this Ottillie—well done



Artemis (Y3) used her maths skills to help her make her own Play-Doh. She even used it to make number sentences. Great work, Artemis!



Jacob (Y1) and Henry (YR) had fun making numbers and imprints of Numicon using Play-Doh. Super job boys!



Fifi (Y2) has been busy working on multiplication and division. Well done, Fifi!



Ellie (YR) has been busy working on her counting skills. Keep up the great work, Ellie!



Gabi (Y5) and Martin (YR) did lots of activities, including setting up their own shop, making patterns and making shapes! Well done both of you!

Evelyn (Y2) and Elijah (YR) put their measuring skills to the test when baking. Apparently the biscuits tasted just as good as their maths skills! They must be pretty tasty then!



We were so impressed with the amount of different activities Arjun (Y3) got up to. He made his own Play-Doh; made arrays, 2D and 3D shapes; told the time; made number sentences; developed his confidence with money; and even made his own mathematical creature! Well done on the amazing work. Arjun!