

News

A huge well done to everyone at school for all the hard work you have done in maths this year. All of your teachers are really proud of you! From competing against other schools in competitions to seeing who can be the most improved Rock Star of the Week , there has been so much progress from all of our children.

Make sure you have a good rest over the holidays and we will be back in September with more challenges. In this month’s newsletter, there are some ideas to keep you busy if you would like!

Maths Website of the Month

KS1: Take on ‘Bud’s Number Garden’! There are lots of different challenges to try: <https://www.bbc.co.uk/bitesize/topics/zikphbk/articles/zd4b382>



KS2: Can you complete the game ‘Guardians: Defenders of Mathematica’ by the end of the summer holidays? <https://www.bbc.co.uk/bitesize/topics/zd2f7nb/articles/zn2y7nb> You don’t have to do it all in one go, you can save your progress each step of the way!



Sudoku!

Have a go at these sudokus. Remember, each number (either 1-4 or 1-6) needs to be filled in each section, with none repeated in each square or horizontal or vertical line.

1		3	
2			
			4
	1		

5				4	
		3	5		
		4			5
6			4		
		5	3		
	1				

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 the end of the holidays.



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, we're setting you some challenges for the summer holidays!

EYFS/KS1

- ⇒ Can you make some repeating patterns with things you find on the beach?
- ⇒ Can you count how many spades full of sand it takes to fill a bucket?
- ⇒ Can you make a picture out of shells? Can you make different shapes with items you find?
- ⇒ Make some handprints in the sand. Can you count how many fingers there are? If you're in Year 2, can you think of a quick way to do it?
- ⇒ Can you practice your number bonds to 10? What about your number bonds to 20?
- ⇒ If you're jumping on a trampoline, can you count how many jumps you can do. Can you practice turning left and right?



KS2

- ⇒ Have a go at this football game for creating different numbers. Great to work on your football skills too!

<https://www.youtube.com/watch?v=YcLsSZarTo&t=6s>

- ⇒ Can you use tally charts to collect some data? It might be how many different types of vehicles you see go past your house or it might be asking people their favourite flavour of ice cream. Can you think of any ways to present your data?
- ⇒ If you're jumping on a trampoline, can you practice a 90° , 180° , 270° or even 360° turn?
- ⇒ Can you collect pebbles and show some different arrays?
- ⇒ Practice your times tables using TTRS—doing it a little and often is the best way to make sure you remember them!
- ⇒ Look at the leaves on a tree. Can you estimate how many leaves there might be? What's the best method to follow to get an accurate answer?
- ⇒ If your family is buying some ice-creams. Can you work out how much they will cost? Can you pay for them and check you get the correct change?



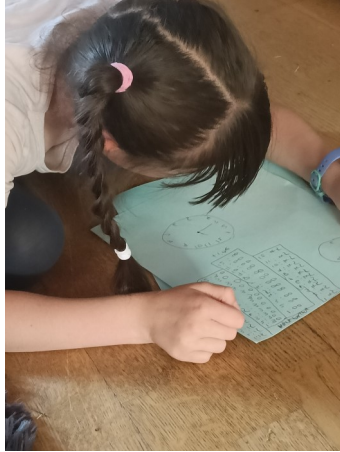
Maths at Home

There were lots of children who were busy working on their maths skills after June's newsletter. Well done to everyone who sent in their photos. Have you got better at telling the time?



Anabelle in Year 4 was working on telling the time and used this website to help her: <https://mathsframe.co.uk/en/resources/resource/116/telling-the-time>

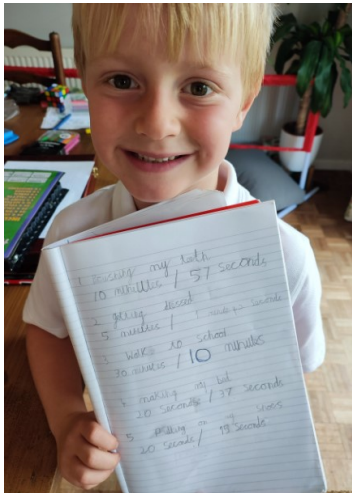
Well done, Anabelle!



Emilia in Year 1 had great fun making her very own clock. Super work, Emilia!



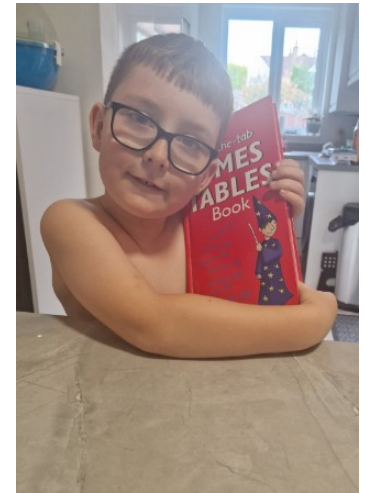
Edith in Year 1 also designed her own clock and carefully chose a spot on her bedroom wall for it too!



Otis in Year 1 was busy estimating and then timing how long he thought different activities were going to take. You got really close with some of them, Otis. Great work!



Lilly has been working really hard on some of the different websites that have been recommended in the newsletters. You can see how well she is doing with her times tables! Well done, Lilly!



Harry in Year 1 has been working really hard on his times tables. He has been helped by this fantastic book! Keep up the great work, Harry!

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