

News

We are very pleased to announce that we are going to start a new maths based competition in school. Each week we will have a Times Tables Rock Star of the Week!

For each Celebration Assembly we will pick three children that we think have improved the most while using Times Tables Rock Stars. There will be a winner in Year 2, Years 3 – 4 and Years 5 – 6. Each winner will receive a special certificate in the assembly. Make sure you are practising your times tables and you could be a winner! Remember to ask your teacher if you have misplaced your TTRS log in.



Find out in next month's newsletter who the first Times Tables Rock Stars of the Week are!

Maths Website of the Month

This month we've chosen the Hit the Button game: <https://www.topmarks.co.uk/mathsgames/hit-the-button>

This game relies on speed at matching questions to answers. You can practise everything from number bonds to 10 to square numbers! How quick can you get?

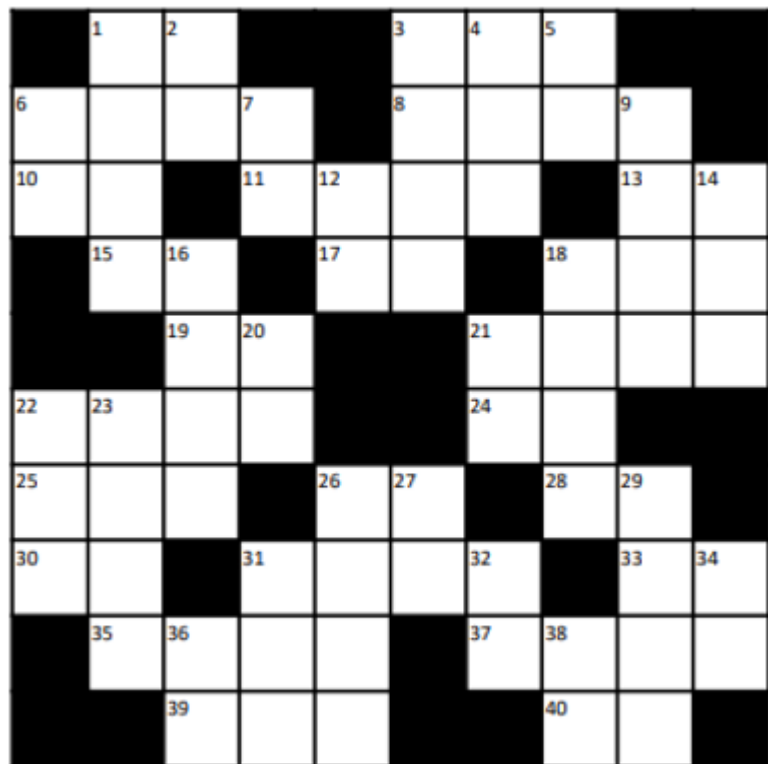


Parents and Carers Corner

Do your children sometimes struggle with their homework? Does it sometimes cause friction in your household? Try some of these question prompts to help ease the situation:

- What do we already know?
- What is the first thing we need to do?
- Could we draw pictures to help?
- What information do we have?
- What do we need to find out?
- What do we need to be careful about?

Can you complete the crossword puzzle below. If some of the calculations are tricky you could ask an adult or use a calculator.



ACROSS

1. 22 – 9
3. 159 – 13
6. 465 + 750
8. 2329 + 3294
10. 25 – 10
11. 18833 – 9266
13. 20 – 7
15. 15 + 16
17. 120 – 24
18. 952 – 344
19. 99 – 40
21. 445 + 8975

DOWN

22. 1496 + 930
24. 124 – 46
25. 1290 – 300
26. 98 – 44
28. 11 + 5
30. 27 + 40
31. 9284 – 2589
33. 44 – 10
35. 3292 – 768
37. 9 + 1616
39. 858 – 356
40. 1 + 10
1. 710 + 543
2. 46 – 15
3. 297 + 1269
4. 235 + 232
5. 83 – 21
6. 15 - 4
7. 29 + 30
9. 5457 – 2355
12. 24 + 35
14. 560 – 180
16. 381 + 1139
18. 12346 - 5865
20. 27 + 69
21. 183 – 86
22. 338 – 42
23. 280 + 4692
26. 10786 - 5144
27. 27 + 22
29. 12200 – 5879
31. 687 – 67
32. 62 – 11
34. 21 + 24
36. 61 – 6
38. 17 + 44

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 9th of December** 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, we are going to use...pasta!



Reception and KS1

- ⇒ Can you estimate (have a good guess) how many pieces of pasta there are in a bowl?
- ⇒ Can you check your answer by counting? Could you challenge yourself and count in 2s?
- ⇒ Can you get another smaller or bigger bowl of pasta and estimate how many pieces there are now? Can you improve on your first estimate?
- ⇒ Can you make a pattern with 2 different types of pasta?
- ⇒ Can you continue someone else's pattern?
- ⇒ Can you make different shapes with the pasta?
- ⇒ Can you make a design that is symmetrical (the same on both sides)?
- ⇒ Can you do some curly hair addition or subtraction?
- ⇒ Can you make different numbers using pasta?



KS2

- ⇒ Can you show different arrays with pasta? What times tables and division facts can you show?
- ⇒ Can you estimate how many pieces of pasta there are in a bowl of pasta?
- ⇒ Can you estimate how many pieces of pasta it takes to weigh 100g?
- ⇒ Get 21 pieces of pasta. How many triangles can you make with the pasta? How many squares can you make? Do you have any left over? Why is this?
- ⇒ Pick your own number of pieces of pasta and then pick a shape to make. Can you predict if you will have any pasta shapes left over? How do you know?
- ⇒ Can you measure how tall you are in pasta pieces? What different ways are there to do this? What happens if you change the pasta? Can you measure other people in your family?
- ⇒ What happens to the weight of pasta after you cook it? What happens if you use different sizes of pasta?
- ⇒ Can you estimate how many pieces of pasta it would take to measure 1m? Could you measure the pasta before to help with your estimation?
- ⇒ Can you continue a pattern like this? How many pieces will I need for the 5th one? 10th? 20th? Is there a quick way to work this out? Can you give a rule for the sequence?
- ⇒ Can you make your own pattern similar to the one above? Can you work out how many pieces you will need for different numbers in the sequence?



Array showing $7 \times 3 = 21$

