

## Year 4 Week Commencing 1<sup>st</sup> June Maths

Hi everyone,

I hope you've all had a lovely, peaceful half term holiday, and are feeling ready to get going again on your home learning!

I've made this one document to help you with all your maths for this week. We are still using the White Rose Maths website, which has lesson videos for each day up there to watch. Just as before, you can't download the activities or answers from the website directly anymore but I can get them, so I will make sure they are emailed out to you each day and that they're up on our school website as well, so you can download them from there if that's easier.

Here is the link to the White Rose website for this week's learning clips:

<https://whiterosemaths.com/homelearning/year-4/>

Here is the link to our school website, and the Year 4 page, where you can get the activities and answers (they will still be emailed out to you as well):

<https://www.ivingswoodacademy.org/page/?title=Year+4&pid=100>

This week we will be going back over our understanding of fractions again. Remember that we have worked really hard on this already, but going back over it to revise it is really important too because it means we will fix this understanding in our brains really well!

1. Monday - Add 2 or more fractions
2. Tuesday - subtract fractions
3. Wednesday - Fractions of quantities
4. Thursday - Calculate quantities
5. Friday - maths challenge!

Remember to **watch the videos first** as they will show you how to solve the sorts of problems in the tasks. I have downloaded a fractions wall for you to use to help with the problems - remember we used these in class to help our learning!

### Success Criteria: Fractions of quantities

- Divide the whole number, or amount, by the denominator (the number of parts you are breaking the whole into)
- Multiply the answer to the above by the numerator (the number of those parts you are interested in)
- If you get stuck, try drawing out the problem using a bar model, or even using lego bricks, marbles or any other toy with small parts, to help you recreate the problem.

### Success Criteria: Calculate Quantities

- To find a missing number, eg  $\frac{1}{2}$  of ? = 5: multiply the whole number by the denominator.  $5 \times 2 = 10$ . CHECK: is half of 10, 5? Yes! 😊

- Remember, a whole shown as a fraction will have the same numerator and denominator. Eg  $8/8 = 1$  whole.
- To find the missing number when the numerator is greater than 1, eg  $2/7$  of  $? = 12$ ? If  $2/7 = 12$  then  $1/7 = 6$ .  $6 \times 7 = 42$ , so 42 is the whole amount. Work backwards and check your answer to be sure.
- Remember that you can try drawing out any problems you're not sure about, or try recreating them with marbles, lego bricks - maybe even pasta shells! Have fun and see if you can solve these problems with your adults helping too. How creative can you get with your problem solving techniques? 😊

Have a go and try your best, if you get a bit stuck or are confused don't worry, there is lots you can do. Look at the videos again and ask an adult or older brother or sister for help, use my success criteria and get creative with your problem solving!

I will be calling you all again this week and will be happy to talk you through any problems you might have. If, after all that, you're still finding it tricky, please don't worry - you know that I will make sure to go over all this with you when we are eventually back at school, and I'm sure it will be fine. Good luck - and remember to have fun!

Miss Smith