



**Morning Everyone ☺ We're half-way through another week and everyone is doing fantastically well again – keep going!**

*Again, please remember, the work set is a reflection of the work you would have been completing in class. Please ensure that the work you submit is also a reflection of the standard you would have produced in class. Please also take care to read instructions and questions carefully as mistakes are being made when this is not happening. Remember to check over your work before you submit it. Thank you ☺*

## Emotional well-being

## Gratitude Stretching

A lovely way to think positively, as well as give your body a little bit of TLC.

- Stretch your arms and think of someone you are really happy to have in your life.
- Stretch your legs and think of something you are grateful to have
- Shake out and think about what you are really looking forward to doing today.



## Time for prayer and reflection

## Sure way to fail #1 Don't try in the first place

I'd like you to think about some of the things that we do that ensure we fail. By thinking about ways in which it is guaranteed that we will fail, it will help us to think about what we need to do to become more resilient. The first sure way to fail is 'don't try in the first place'.

Think - what if a mountain climber hoping to get to the top of his first mountain, plans his route on a map, packs up his equipment and stands at the bottom of the mountain, looks up at the peak which is beyond the clouds and thinks "that mountain is too tall for me, I think I'll go back to bed". The mountain climber would have failed because the task ahead seemed too overwhelming, too hard a challenge.

Every challenge you have overcome already and every achievement you have had up to now has required you to start it. Starting something new can be scary, but one sure way to fail is not to try it in the first place.

**Reflect** – think of a recent time when you have been reluctant to start something, but you did it and afterwards were glad you had..

**Dear God, We are thankful that we are resilient, that we have been successful in starting on new challenges. We are grateful for new and exciting experiences even if sometimes they seem scary and overwhelming. Let us continue to have the resilience to see them through and help us also to encourage the resilience in others. Amen**

## Maths

## Adding and subtracting fractions

Everyone made a great effort with yesterday's tasks – well done ☺ I thought we would take a mid-week break from the videos and tasks and do some consolidation problems based on what you did yesterday. Please find the problems attached. For those problems that say **explore**, there are a number of solutions so please make sure you try to exhaust all possibilities – don't just stop at the first one you find.

There are also some fractions games online that you could then play to further consolidate your fractions learning, use the links below to access these.

<https://www.sheppardsoftware.com/math/fractions/addition-game/>

<http://www.maths-games.org/fraction-games.html>

**Please also access Times Tables Rockstars or SATs Companion (for Year 6 only). As I have previously suggested, it would be beneficial to spend a short amount of time each day on these resources in order to improve maths skills, and further consolidate your learning. There are a number of children who have still not accessed these resources – please do so today.**

## English: Reading

Again, spend 30mins (minimum) reading a book of your choice quietly – or aloud if you'd like to.

*Imagine...*a genie lands in the midpoint of the story you are reading and grants the main character three wishes.

What do they wish for, and why?

Would their wishes have changed anything about the story? How?



## English

## Planning instructions

Today you need to use your research and ideas from yesterday to **plan** instructions for someone who would like to explore Antarctica. You will need to include:

- ~ a suitable title
- ~ an introduction about why people would/should visit Antarctica.
- ~ a list of essential items
- ~ how to travel there and what will be needed to do so
- ~ suggested suitable clothing and luggage with reasoning/explanation
- ~ necessary equipment with reasoning/explanation
- ~ safety points to note and how to prepare
- ~ any final points that do not fit into the other categories.



To plan well, use my headings (above) with your own notes under each one. If you find that you don't have a lot of information, then you will need to complete further research. Your final instructions should read as if they are written by an expert so remember to include subject specific vocabulary on your plan to then be used in your final piece. **Please do not write your instructions, just a plan of notes (not full sentences) that will later assist your writing. Please check all spelling!**

## Science

Please see work set by Miss Swan



**Maths**

**Year 5 Problems**

**Add and Subtract Fractions**

1. Olga is thinking of a calculation using fractions. She has written some clues to help you work it out.



The answer to my calculation is a mixed number.

The mixed number answer uses a different denominator.

One of the fractions has a numerator that is a third of its denominator.

Explore the different calculations that Olga could be thinking of.

DP

2. Cut out the triangles and match the calculations to the answers to complete the puzzle.

Four triangles containing calculations and answers:

- Triangle 1:  $\frac{12}{16} + \frac{8}{16}$
- Triangle 2:  $\frac{18}{15} - \frac{8}{7}$
- Triangle 3:  $\frac{16}{12} - \frac{8}{12}$  and  $1\frac{1}{3}$
- Triangle 4:  $\frac{9}{10} - \frac{7}{10}$  and  $\frac{5}{12} + \frac{9}{12}$

Five triangles containing calculations and answers:

- Triangle 1:  $\frac{9}{14} + \frac{7}{14}$  and  $1\frac{1}{2}$
- Triangle 2:  $\frac{6}{4}$
- Triangle 3:  $\frac{1}{7}$  and  $\frac{3}{1}$
- Triangle 4:  $\frac{12}{15} + \frac{8}{15}$
- Triangle 5:  $\frac{3}{2}$  and  $1\frac{1}{6}$
- Triangle 6:  $\frac{3}{1}$  and  $\frac{7}{8} + \frac{5}{8}$

DP



**Maths**

**Year 6 Problems**

**Add and Subtract Fractions 1**

1. Help Arthur the Knight work his way through the maze to escape the evil dragon.

1. Choose a starting place in the maze and find a path to escape safely.
2. Start with Arthur's fraction and add or subtract each fraction as you move through the maze.
3. Be careful – Arthur will only escape safely if you keep your answers below 1.
4. Arthur can only move horizontally or vertically.



Arthur's fraction  
 $\frac{1}{10}$



Arthur the Knight

Entrance

→	$+\frac{1}{2}$	$+\frac{6}{10}$	$-\frac{2}{5}$	$+\frac{3}{8}$	
→	$-\frac{1}{20}$	$+\frac{1}{5}$	$+\frac{2}{6}$	$-\frac{1}{2}$	Escape →
→	$+\frac{9}{10}$	$-\frac{2}{30}$	$-\frac{1}{3}$	$+\frac{6}{7}$	
→	$+\frac{2}{5}$	$-\frac{1}{4}$	$+\frac{4}{12}$	$-\frac{9}{10}$	

DP

2. Use the number cards below to investigate the different fraction calculations you can make that give the answer of  $\frac{7}{10}$ .

Your calculation must contain three fractions and must only use each number card once.

$$\frac{\square}{\square} \square \frac{\square}{\square} \square \frac{\square}{\square} = \frac{7}{10}$$

10   10   4   2   5   7   1   2   6   +   20   -

Explore how many different calculations you can make.

DP