



# Year 5 & 6: Friday 8<sup>th</sup> January 2021

Good morning everyone! It's Friday! Thank you for all of your hard work this week. Once today's tasks are complete and we have caught up over Zoom (3:30pm), please enjoy a lovely weekend with your families as I know from your new year's resolutions comments that this is what you enjoyed most about the lockdown last year. Stay safe everyone ☺

## Emotional well-being

Whilst you may be unable to see friends and family at the moment and at times that can be really hard, it is important to remember why we are in this situation and that, in time, it will end. We have to try to keep smiling and be positive whilst adapting to changes around us to keep us safe – I know you can all do this because you've done it so well for a long time now. Today take some time to relax, think of things that make you happy while you add colour to the messages below. Perhaps you could add some messages of your own too and I could add these to our class page for others to see. ☺

## Time for prayer and reflection

### Did you know the most popular fruit in the UK is a banana?

There are believed to be over 1000 varieties of bananas. The most common variety of banana in the UK is called the Cavendish banana. Other varieties include the Manzano or 'apple banana' which tastes a bit like strawberries and apples. Red bananas have red skins and have a hint of raspberry flavour, they also contain more vitamin C than other types of bananas. Can you guess why a variety called the nino banana is also known as the 'baby' banana? *It is a yellow banana that is only about 10cm long.*

*Maybe you could research some more banana facts ☺*

It is probably right to say that we in the UK judge bananas on what they look like, not on how healthy they are. Some scientists think that ripe bananas are easier to digest and our bodies are better able to break down the sugars, turning them into energy. So therefore, a spotted banana may be healthier than a green one. Have you heard the common phrase, 'you can't judge a book by its cover'? Well, it turns out that you can't judge a banana by its spots. Every day we all make lots of judgements for all sorts of reasons, we meet new people or have the opportunity to try new activities and learn new skills. Sometimes we have a go and at other times we refuse because we don't know what it is going to be like. Like the banana, if you make the wrong judgement you might be throwing away something that is actually very good for you.



*Think about an activity you didn't want to try and then when you had a go you loved it. How would you encourage others to have a go at that activity?*

**Dear God, we are thankful for the experiences and the friends that we already have. We also know that we will have new experiences and meet new people in the future. May our judgements mean we never miss out on good opportunities. Amen**

## Maths

### Problem Solving/Investigation Friday

Today I would like you to complete an investigation to find **abundant numbers**.

Further information for this task can be found below. See how many abundant numbers you can find from 0 – 100.



*Please continue to access Times Tables Rockstars and SATs Companion (for Year 6 only) today. There are a number of children who haven't accessed these resources this week and it's really important that you continue to use them whilst we are not in school.*

## English: Reading

Again, spend another 30mins (minimum) reading quietly – or aloud if you'd like to.

Today I would like you to choose a descriptive word from the text and write it down. Then, using a thesaurus, write down 5 synonyms and 5 antonyms for that word. Perhaps use an online thesaurus if you don't have one in your house.



## English: Writing

Write a letter to a family member that you didn't see over Christmas; wish them a Happy New Year, tell them about your Christmas and find out about theirs, perhaps tell them about how you're feeling about things and your hopes and goals for this year.

Remember to include all features of an informal letter:

- ~ your address
- ~ the date
- ~ an appropriate greeting
- ~ introduction
- ~ first person
- ~ vocabulary that shows an informal, chatty style
- ~ organise into paragraphs
- ~ a closing paragraph that is linked to the opening
- ~ informal sign off



**Please present your work as neatly as you would in class and check your spelling and punctuation when you finish.**

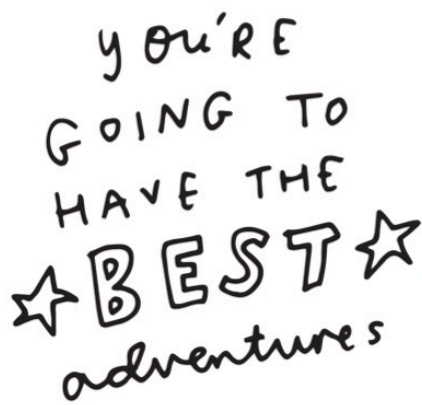
## Our Curriculum

This half term our topic is Geography based – focussing on Antarctica. The key question is: *Why has the Antarctic never been invaded?*

For this first task, I would like you to carry out research to answer - **Who discovered Antarctica?** Then create a timeline of the exploration of Antarctica. You can choose how you would like to present this but, again, please consider what would be the expected standard of work in class and try to complete your work in line with this. I look forward to seeing your finished pieces ☺



Emotional well-being





## Maths

## Investigating Abundant Numbers



To find the **factors** of a number, you have to find **all** the pairs of numbers that multiply together to give that number.

The factors of 48 are:

1 and 48

2 and 24

3 and 16

4 and 12

6 and 8

If we leave out the number we started with, 48, and add all the other factors, we get 76:

$$1 + 2 + 3 + 4 + 6 + 8 + 12 + 16 + 24 = 76$$

So .... 48 is called an **abundant** number because it is less than the sum of its factors (without itself). (48 is less than 76.)

See if you can find some more abundant numbers!

### Key things to think about:

- ~ What are factors?
- ~ Have you identified **all** of the factors?
- ~ What system will you use to identify abundant numbers?
- ~ Can you predict numbers that will be abundant?
- ~ How will you record your investigation?

Below is a link to a good interactive multiplication chart if you need it to support your investigating.

[https://www.mathplayground.com/interactive\\_multiplication\\_chart.html](https://www.mathplayground.com/interactive_multiplication_chart.html)