



Year 5 & 6: Thursday 21st January 2021



Good morning everyone! It's the penultimate day of the week. We have our Zoom catch-up tomorrow. In preparation for our chat please have a think about one thing you have done that you're proud of this week to share with everyone – again, it doesn't have to be school learning related.

Please remember, the work set this week is a reflection of the work we would have been completing in class. With this in mind, please ensure that the work you submit is also a reflection of the standard expected in class.

Emotional well-being

Just for fun and to take your mind away from schoolwork again for a while, I'd like you to read the attached Happy News story and complete the activity – design a jumper for a penguin! If anyone has any more happy news stories please send them to me – I thought we could make a collection on our class story 😊

Time for prayer and reflection **Sure way to fail #2 - Give up after the first try**

Today's sure way to fail is 'give up after the first try'. Imagine the mountain climber, prepared to climb to the top is defeated by the weather, the cloud is so low that he can't see where he is going and climbs back down. Should he give up, or should he wait until the weather is better and try again? There are many stories of people whose resilience can inspire us. After J.K. Rowling had written the first of the Harry Potter series of books, she was rejected by twelve publishers before it was finally given a chance. The saying goes 'if at first you don't succeed try and try again!' The Bible also encourages resilience, St. Paul writes '**So let us not become tired of doing good; for if we do not give up, the time will come when we will reap the harvest**' (Galatians 6:9, GNB). Both St. Paul and J.K. Rowling know that success comes from trying and trying again.


Reflection - What do you think St Paul meant by 'we will reap a harvest' if we are resilient?

Dear God, we are thankful for the examples of resilience, and we know that we are all born with the ability to be resilient. We know that sometimes it is easier to give up than carry on but let us understand that determination and resilience lead to a better future for all of us. Amen

Maths

Fractions

Today the focus is adding fractions for Year 5 and more adding and subtracting of fractions for Year 6.

Year 5 – Today you will be adding fractions with different denominators but where one denominator is a multiple of the other. Please watch the following video and then complete your attached activity. Remember '*whatever you do to the denominator (multiply/divide), you must also do to the numerator*'.


<https://vimeo.com/418155456>

Year 6 – Today you will need to continue to find the LCM, but also equivalent fractions for both fractions in the calculation in order to find a common denominator. Please watch the following video and then complete your activity.

<https://vimeo.com/471344877>

English: Reading

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

Today I would like you to find out a little about the author of the book you are reading. Try to find out three interesting facts about them. Often there is a page in the book about the author so that could be a starting point. 😊



English

Today you will write a first draft of your instructions. If you have not finished your plan or amended your plan following feedback, then it is important that you do so before you begin writing.

I have attached an example of what I am looking for from your instruction writing. You also know, from the activity you completed earlier in the week, what is essential when it comes to instruction writing to leave the reader without any questions.

It is vitally important that you include subject specific vocabulary in this piece, exclusive to this particular topic. The instructions are for someone about to explore the Antarctic – it is no good them thinking that it's just going to be like a very cold, winter's day in England. It will be a huge lifestyle change and your instructions must make sure they are aware of this. Your research must provide expert advice to your reader.

Use the Kenyan Safari example to guide your writing and then the features checklist to ensure you have everything in that you need. At this point, do not include pictures and illustrations, concentrate on making your writing as accurate, in terms of both knowledge and structure, as it can be.

Once you have finished your draft, use a different colour pen/pencil to edit your writing – checking you have used all features on the checklist and all spelling and basic sentence punctuation is accurate.

PE Today I'd like you to use the following link to access a hip hop dance routine. Follow the steps to learn the routine before perfecting it and sending me a video of your skills. Perhaps you could include some hip hop moves of your own into the dance. Select the link, then scroll half way down the page until you get to dance activities. Hip hop is the last task – select the KS2 one. <https://imoves.com/the-ovement>

PSHCE

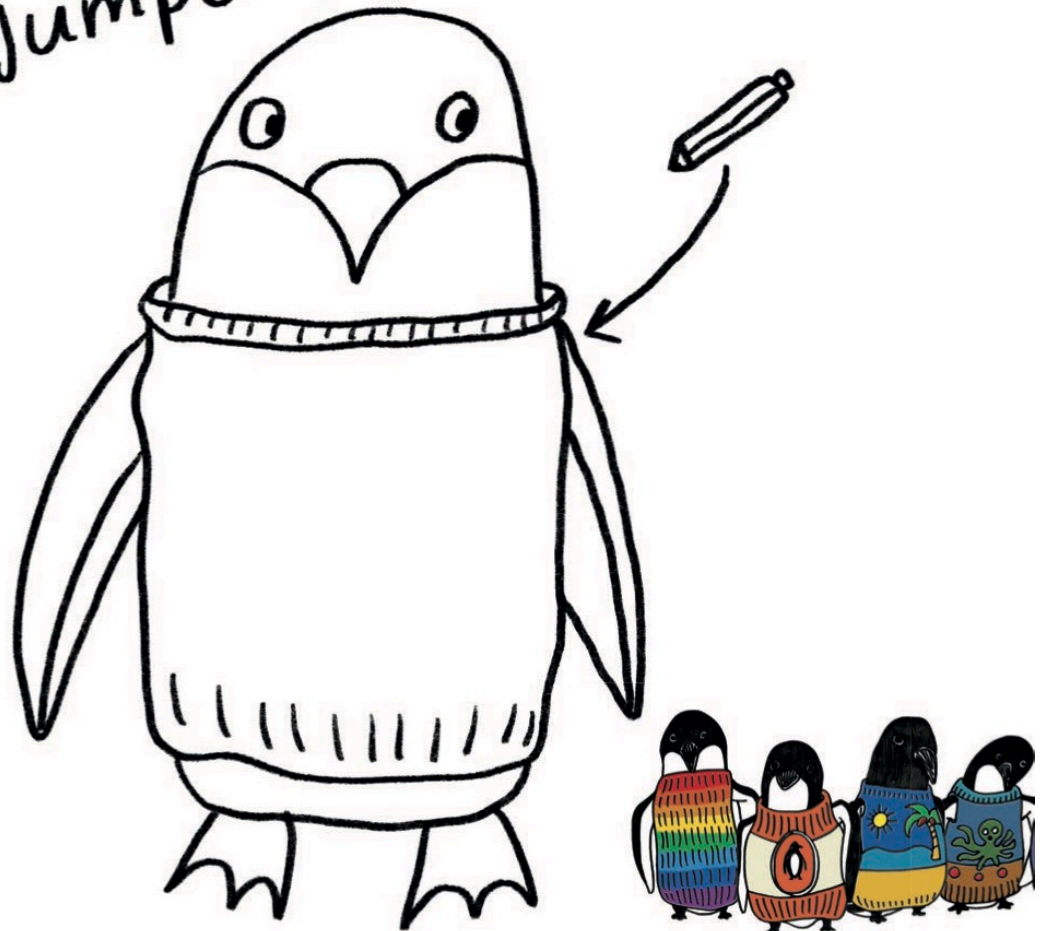
Stereotypes

We all have ideas and images that pop into our heads when we are asked to think about something. We should never judge a person or a group just because of the way they look, their gender, the job they have, their age or their likes and dislikes. Ideas that people have about others are not always correct. With this in mind, please complete the activity below – if you are able, perhaps discuss your ideas with someone in your house.



Emotional Wellbeing

DESIGN a
jumper for a PENGUIN



AUSTRALIA'S OLDEST MAN HELPED TO SAVE INJURED PENGUINS

Australia's oldest man used to spend his free time knitting teeny tiny jumpers for little penguins in need. A massive oil spill injured hundreds of the little fellas that are only native to southern Australia and New Zealand and 109 year old Alfie was asked if he could help out. The jumpers served a specific purpose, they stopped the injured penguins from trying to peck at and swallow the toxic oil sludge that stuck to them during the spill.



Maths

Year 5 – Add fractions within 1



2 Match the additions that have the same answer.

$\frac{3}{4} + \frac{1}{12}$	$\frac{10}{12} + \frac{1}{12}$
$\frac{2}{3} + \frac{1}{12}$	$\frac{6}{12} + \frac{1}{12}$
$\frac{5}{6} + \frac{1}{12}$	$\frac{9}{12} + \frac{1}{12}$
$\frac{1}{2} + \frac{1}{12}$	$\frac{8}{12} + \frac{1}{12}$

3 Here are two jugs.



One jug contains $\frac{5}{18}$ litres of water.

The other jug contains $\frac{4}{9}$ litres of water.

How many litres of water are there altogether?

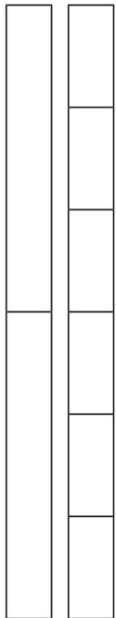
There are litres of water altogether.

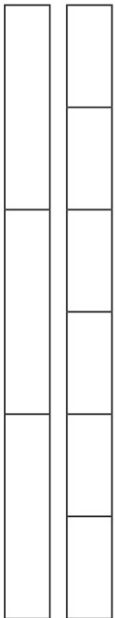


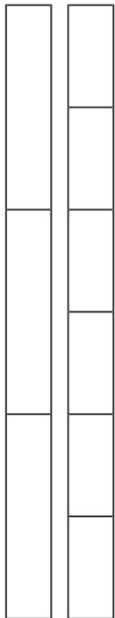
Add fractions within 1

1 Complete the additions.

Use the bar models to help you.

a)  $\frac{1}{2} + \frac{1}{6} = \square$

b)  $\frac{1}{3} + \frac{1}{6} = \square$

c)  $\frac{2}{3} + \frac{1}{6} = \square$



Maths

Year 5 – Add fractions within 1

4 a) Complete the calculations.

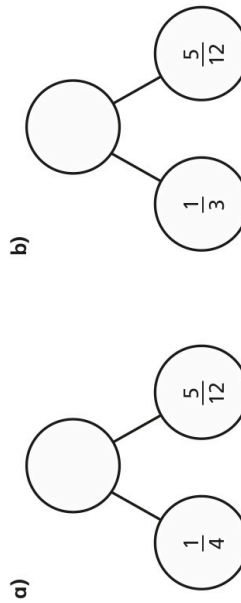
$\frac{1}{5} + \frac{1}{10} =$	<input type="text"/>
$\frac{2}{5} + \frac{1}{10} =$	<input type="text"/>
$\frac{3}{5} + \frac{1}{10} =$	<input type="text"/>
$\frac{4}{5} + \frac{1}{10} =$	<input type="text"/>

$\frac{1}{16} + \frac{5}{32} =$	<input type="text"/>
$\frac{1}{8} + \frac{5}{32} =$	<input type="text"/>
$\frac{1}{4} + \frac{5}{32} =$	<input type="text"/>
$\frac{1}{2} + \frac{5}{32} =$	<input type="text"/>

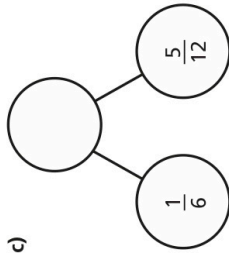
b) Can you spot any patterns? Talk to a partner about it.

c) What calculation would come next in each set?

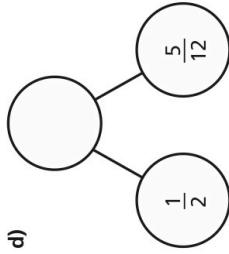
5 Complete the part-whole models.



c)



d)



6

$$\frac{\square}{8} + \frac{\square}{16} = \frac{7}{8}$$

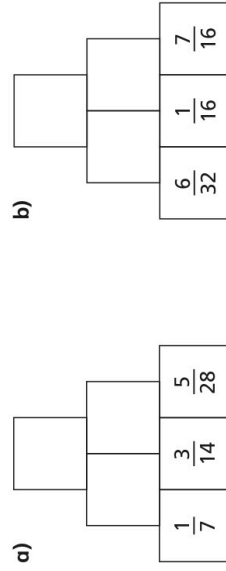
What could the missing numerators be?

Give six different possibilities.

$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$	$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$	$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$
$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$	$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$	$\frac{\square}{8} + \frac{7}{16} = \frac{7}{8}$

7

Complete the addition pyramids.



c) What fraction is equivalent to both of the fractions at the top of the pyramids?





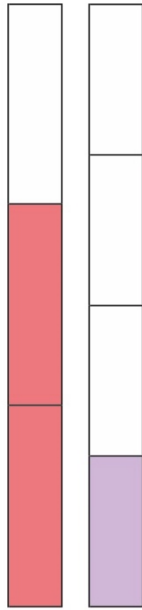
Maths

Year 6 – Add and subtract fractions (2)

Add and subtract fractions (2)

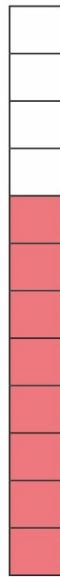


1 Amir is using fraction strips to work out $\frac{2}{3} + \frac{1}{4}$



Amir says he needs to find a common denominator.

a) Complete Amir's method.



$$\frac{\square}{\square} = \frac{\square}{12}$$



$$\frac{\square}{\square} = \frac{\square}{12}$$

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{12}$$

b) Show the addition on the fraction strip.



c) Could you have used a different denominator?

2 What common denominator can you use to add the fractions?

a) $\frac{2}{5} + \frac{1}{2}$ Common denominator =

b) $\frac{2}{3} + \frac{4}{5}$ Common denominator =

c) $\frac{7}{8} - \frac{1}{4}$ Common denominator =

d) $\frac{7}{9} - \frac{1}{6}$ Common denominator =

e) $\frac{11}{15} + \frac{3}{10}$ Common denominator =

3 Ron and Eva are working out $\frac{1}{4} + \frac{5}{6}$

Ron's method

$$\frac{1}{4} + \frac{5}{6} = \frac{3}{12} + \frac{10}{12} = \frac{13}{12}$$

Eva's method

$$\frac{1}{4} + \frac{5}{6} = \frac{6}{24} + \frac{20}{24} = \frac{26}{24}$$

a) What is the same about Ron's and Eva's methods?

b) What is different about their methods?

c) Which method do you prefer? Why?





Maths Year 6 – Add and subtract fractions (2)

4 Complete the calculations.

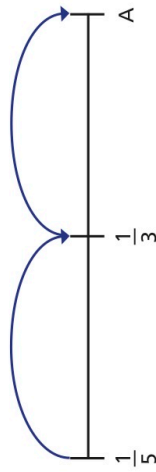
a) $\frac{1}{5} + \frac{3}{4} =$

c) $\frac{1}{2} - \frac{1}{7} =$

b) $\frac{7}{8} - \frac{1}{3} =$

d) $\frac{11}{18} + \frac{7}{12} =$

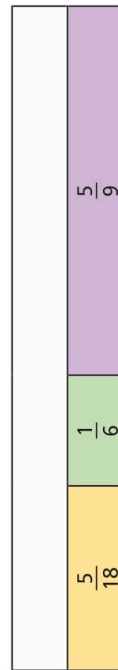
5 Mo is drawing jumps on a number line. The jumps are the same size.



a) What is the size of the jump?

b) What is the value of A?

6 Complete the bar model.



7 Complete the additions. Give your answers as mixed numbers and as improper fractions.

a) $\frac{4}{5} + \frac{5}{4} =$

c) $\frac{9}{8} + \frac{8}{9} =$

b) $\frac{2}{3} + \frac{3}{2} =$

d) $\frac{5}{3} + \frac{3}{5} =$

What patterns do you notice?

8 Look at these additions.

$\frac{1}{2} + \frac{1}{3} =$

$\frac{1}{2} + \frac{1}{3} + \frac{1}{4} =$

$\frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5} =$

a) When does this pattern first give an answer greater than 2?

b) Do you think the pattern will ever give an answer greater than 100?





English

Preparing for a Kenyan safari adventure

For a country of its size, Kenya sure packs a lot in. In fact, Kenya is a fantastic destination whoever you are! There are a million different reasons to come here - picking just one is almost impossible. Stunning landscapes set the scene: from unexplored rainforests to picturesque beaches; rolling grasslands to scorched deserts. But what should you choose? For a once-in-a-lifetime opportunity, you must select the Masai Mara Game Reserve and these instructions will ensure that you're fully prepared for this amazing adventure!

Essential items:



Passport



Sun cream



A torch



Sensible walking shoes



Sun hat



Camera



Binoculars



First aid kit



Mosquito net



Insect repellent

Instructions:

1. Firstly, to ensure that your travels are stress-free, find your passport and carefully check that it is in date. If it isn't, then you won't be able to travel.
2. Arguably, the most important consideration is to remember to dress comfortably while on safari. It is strongly recommended that luggage be kept to a minimum. Lightweight clothing (with long sleeves) in neutral colours is most suitable for the bush because this will ensure that you are kept cool and camouflaged. In addition, bags are likely to get extremely dusty and dirty en route so we strongly advise against taking your fashionable, flimsy suitcase.
3. Once you have packed, your camera must be located. Why is this so essential you ask? After arriving, a camera will be vital to capture the stunning scenery and astounding animals within the safari park.



English

4. Finally, Kenya's temperature can reach a blistering 30°; therefore, it is crucial that you pack sufficient amounts of sun cream, a pair of sunglasses and a wide-brimmed hat because they will help to avoid you suffering from the heat.

The Masai Mara National Reserve is considered a "must see" for any new visitor travelling on a safari to Kenya and if you vigilantly follow these instructions, your Kenyan adventure will be one that you never forget! However, it is imperative that you remember that the wild animals you'll come across on safari are not like those found in theme parks – they aren't tame! Most of the safari camps are unfenced and dangerous animals can (and do!) wander through the camps although attacks by wild animals are rare.

Checklist

- Introduction/statement explaining what will be achieved.
- Equipment list.
- Sequenced, chronological steps.
- Diagram or illustrations.
- Present tense
- Imperative verbs (commands)
- Prepositions and quantifiers.
- Subject specific vocabulary.
- Co-ordinating conjunctions
- Subordinating conjunctions
- Expanded noun phrases
- Commands (imperative verbs)
- Adverbials of manner
- Adverbials of time
- Commas in a list
- Apostrophes for contraction
- Apostrophes for possession
- Parentheses
- Commas for fronted adverbials
- Colons
- Bullet points
- Semi colons



PSHCE

Stereotypes

Stereotyping is when people think that everyone who belongs to a specific group is the same. Some examples of stereotyping:

- All professional footballers are men.
- All make-up artists are women.
- All models are young.
- Girls don't like to play in the mud.
- All teenagers who wear hoodies are troublemakers.

Activity:

Read the following scenarios and discuss/record your thoughts.

Scenario 1 – Jamie is a wheelchair user who loves sports. His neighbour asked him, 'Which sport do you like watching best?'

Jamie replied, 'Who says I just watch?'



Scenario 2 – Year 6 pupils Fiona and Imogen are friends. Imogen asks Fiona, 'What do you think your life will be like when you're 30?'

'I hope to be working as a vet because that's my dream job.', replied Fiona.

'Really?', exclaimed Imogen. 'Don't you want to be married and stay at home while your husband goes to work and earns all the money? That's what men are supposed to do, right?'

