



Week 12 - Home Learning

Hello year 2,

Last week you learnt about insects and other arthropods. You are doing so well with the routine and soon it will be summer and you can enjoy a well deserved break!

This week, we have chosen a clip instead of a story. You will be watching Andy's Aquatic Adventures and learn about penguins. We hope you enjoy doing some non-fiction writing this week.

Keep safe and see you soon!

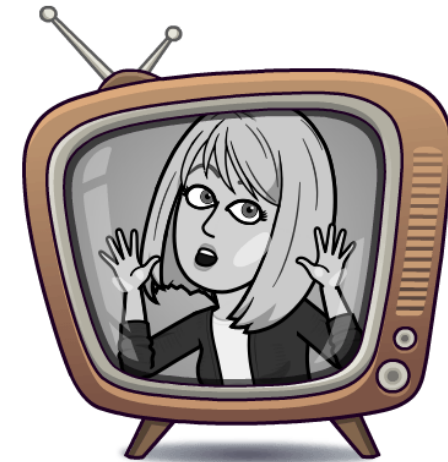
Mrs McGuinness and Mr Pedwell



This week's clip

Please enjoy the episode first

<https://www.bbc.co.uk/iplayer/episode/m000ftm9/andys-aquatic-adventures-series-1-13-andy-and-the-chinstrap-penguins>



All of these activities can be done on paper.
There is no need to print anything off.



Monday - English

Make sure you have watched the clip before you begin this week's learning.

By the end of this week, you are going to write a non-fiction report on Chinstrap Penguins, but first you need to read a non-fiction report to see how it is written and what to include.

Emperor Penguins

Do you want to be an expert on emperor penguins? Yes? Then read on to find out more.



Habitat



Emperor Penguins are large birds who live in Antarctica. They are warm blooded and they can survive in extremely cold temperatures. The baby starts its life on its father's feet.



Appearance

Emperor penguins are the largest of all the penguins. They can grow up to the height of a 7 year old child. What a tall bird! Adult penguins are mainly black and white with some yellow on their necks. The babies are grey and fluffy but when they grow up their fur turns into feathers.



Diet

Penguins eat fish, krill and squid. Mother penguins hunt for food for their babies. Did you know, they eat their food and spit it back up into their babies mouths? How strange!



Threats

Penguins are hunted by predators like killer whales, seals and great white sharks. In some parts of Antarctica, penguins are finding it difficult to survive because there is not enough fish for them to eat. We humans need to make sure we don't eat all their fish.



A fishing boat in Antarctica stealing all of the fish.

Emperor penguins

1. Finish the sentence

Emperor penguins live in _____ |

2. Tick the correct word to finish the sentences.

Emperor Penguins eat _____, _____ and _____.

☐ sweetcorn

☐ seals

☐ krill

☐ fish

☐ sharks

☐ squid

Baby penguins are _____ and _____

☐ pink

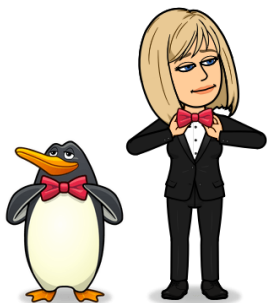
☐ grey

☐ fluffy

☐ scaly

3. An adjective describes a noun. Circle the 2 **adjectives** in this sentence.

The babies are grey and fluffy but when they grow up their fur turns into feathers.



4. How tall can an emperor penguin be?

5. Where do baby penguins live when they are first born?

6. Jonathon says "Fishing boats in Antarctica are bad for penguins."

Why are fishing boats bad for penguins?

7. Which of these animals hunt penguins? **Tick 3.**

| | |
|--------------------|--------------------------|
| Lions | <input type="checkbox"/> |
| Great white sharks | <input type="checkbox"/> |
| Crocodiles | <input type="checkbox"/> |
| Seals | <input type="checkbox"/> |
| Killer whales | <input type="checkbox"/> |

Monday - Maths

This week we are going to recap how to divide

All these words mean the same as divide

share

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division

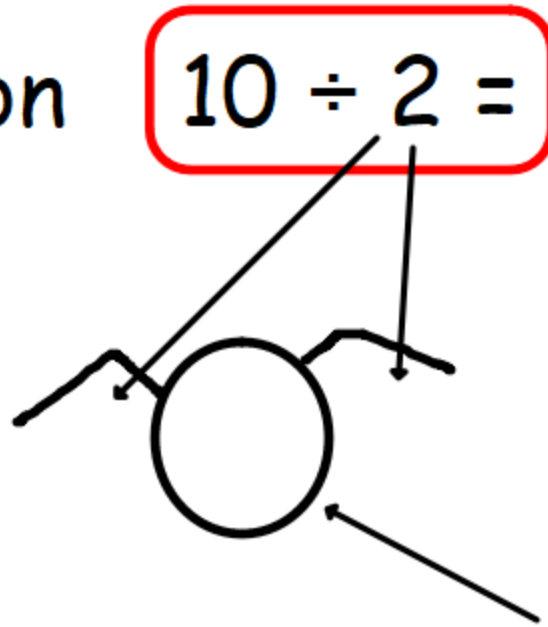
goes into

split equally



To begin with we can use dividing spiders .

So for this question $10 \div 2 =$ we could do this...



Draw a spider with 2 legs because we are diving by 2

To begin with we can use dividing spiders .

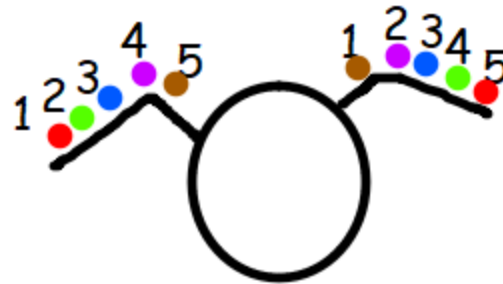
$$10 \div 2 =$$



Now share 10 onto the each leg equally.
Do one on one leg then one on the other
until you have shared 10

To begin with we can use dividing spiders .

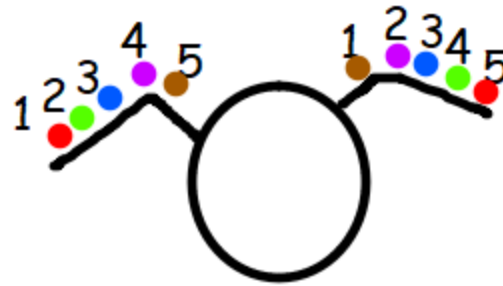
$$10 \div 2 =$$



Now count how many dots on each leg

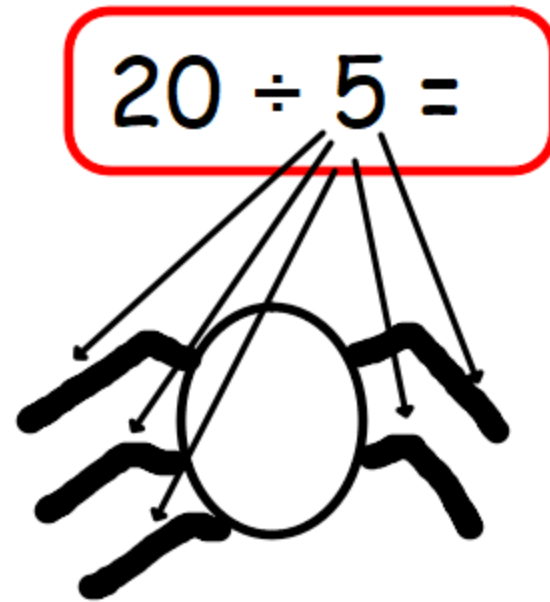
To begin with we can use dividing spiders .

$$10 \div 2 = 5$$



Each leg has 5 on. So our answer is 5

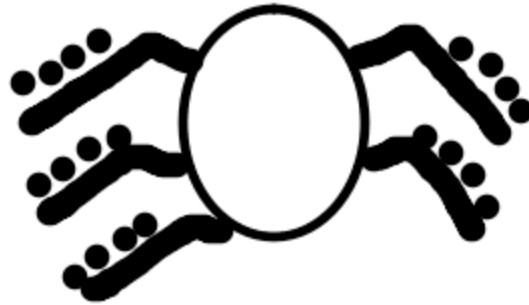
Let's try one more



For this question we need to draw a spider with 5 legs because we are dividing by 5.

Let's try one more

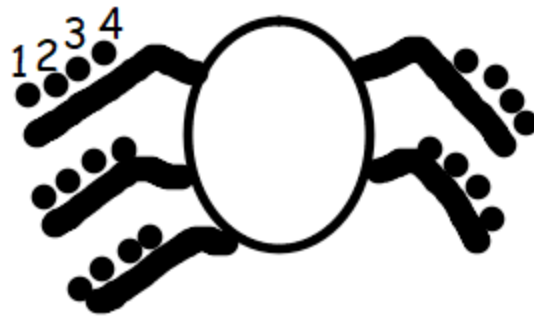
$$20 \div 5 =$$



Now we can share out 20 onto each leg. Go round the spider and share them out equally.

Let's try one more

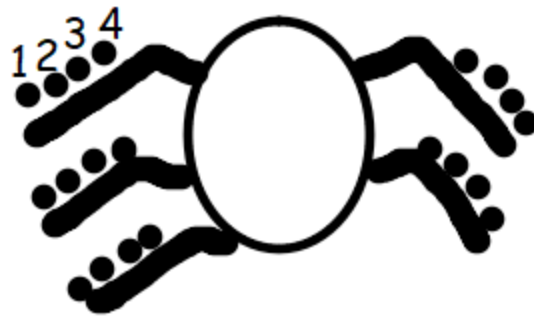
$$20 \div 5 =$$



Now we can count how many dots on each leg.

Let's try one more

$$20 \div 5 = 4$$



Each leg has 4 dots so our answer is 4.

Have a go at these divide questions using a dividing spiders.

$$16 \div 2 =$$

$$15 \div 5 =$$

$$20 \div 10 =$$

Monday - Topic - Art

As you have seen, non-fiction reports normally have pictures in. As you are going to write your own non-fiction report, it is important you know how to draw penguins.

Draw the penguin from the video but remember, your report will be on chinstrap penguins so don't forget his chinstrap!

Watch this how to draw video.



<https://www.youtube.com/watch?v=UQaCDg6yijI>

Tuesday - English

You are going to do one section of the report at a time. I think it is important to read the section on Emperor Penguins again before you write yours on Chinstrap penguins. You may need to re-watch the video.

Emperor Penguins

Do you want to be an expert on emperor penguins? Yes? Then read on to find out more.



Habitat



Emperor Penguins are large birds who live in Antarctica. They are warm blooded and they can survive in extremely cold temperatures. The baby starts its life on its father's feet.

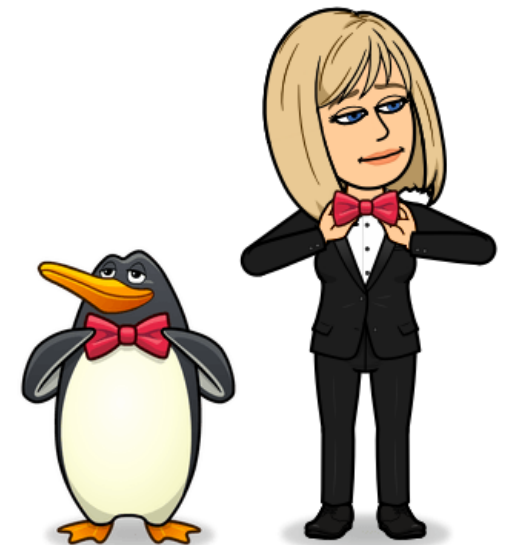


Today's
TASK

Introduction
Habitat

Look at the questions used in the introduction.

Look at the subheading used for the word 'Habitat'



Tuesday - Maths

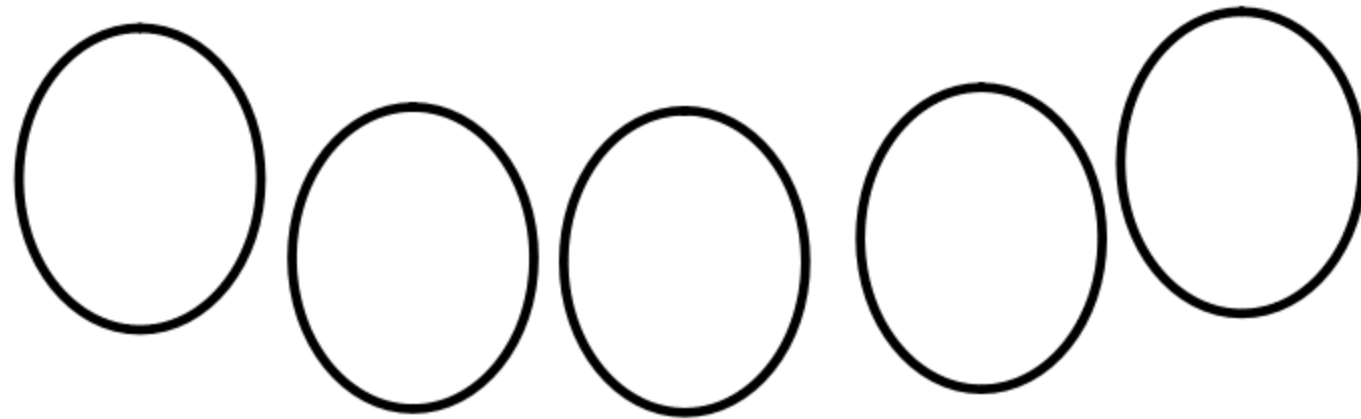
Tuesday

Today we are going to learn a different method of dividing.

Instead of spiders we are going to use hoops.

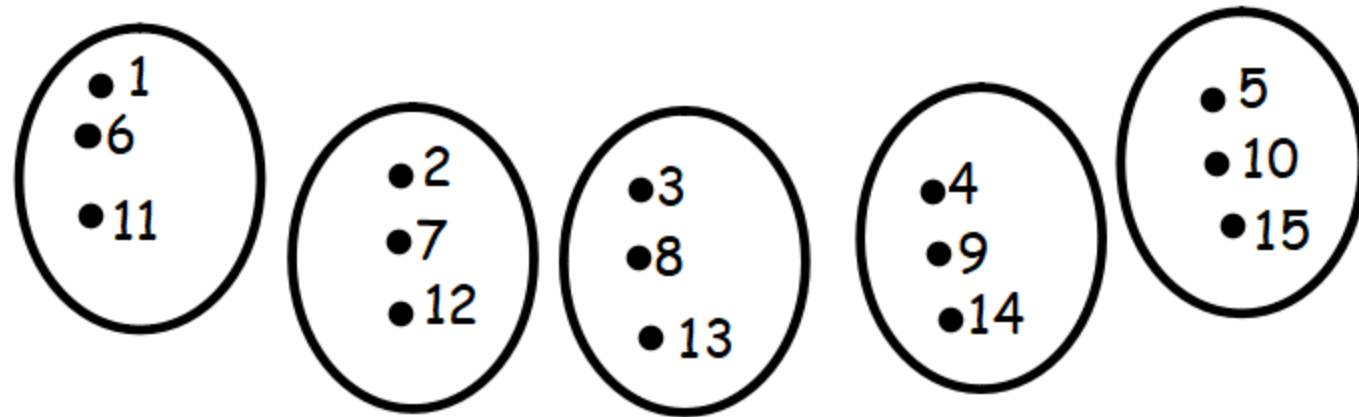


For the question $15 \div 5 =$ we need to draw 5 hoops because we are dividing by 5.



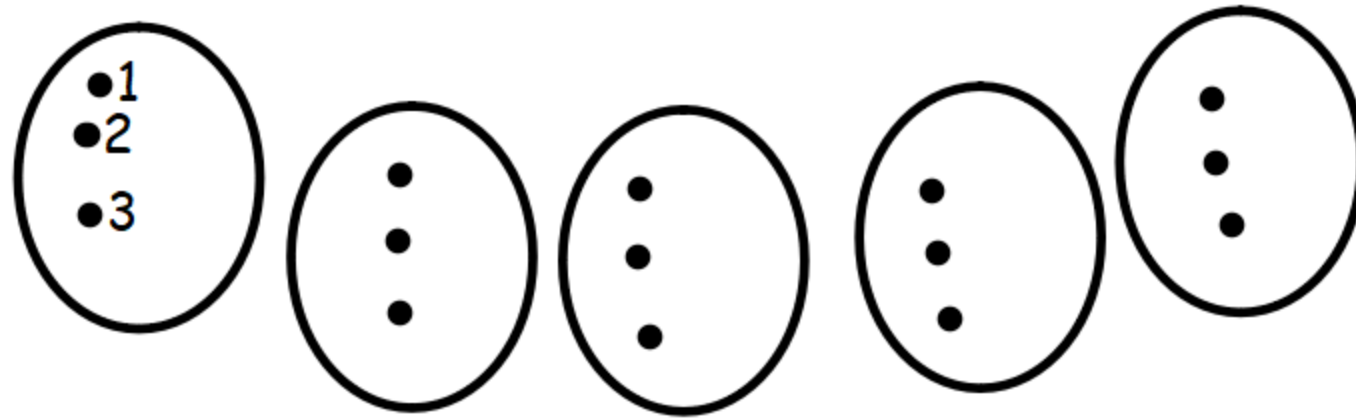
Now we must share 15 dots into the 5 hoops.

Put 1 in each until you have shared out 15



$$15 \div 5 =$$

Now count how many in each hoop.



Each hoop has 3 dots so our answer is 3. $15 \div 5 = 3$

Use the hoop method to work out these division questions...

$$30 \div 5 =$$

$$6 \div 2 =$$

$$30 \div 10 =$$

Tuesday - Topic - PE

Penguins live in cold conditions just like you see in Frozen.



Have a go at learning to dance with Strictly Come Dancing's Oti Mabuse!

Follow her instructions and get yourself active.

<https://www.youtube.com/watch?v=yORGGDusyKI>



Wednesday- English

You are going to do one section of the report at a time. I think it is important to read the section on Emperor Penguins again before you write yours on Chinstrap penguins. You may need to re-watch the video.

Appearance

Emperor penguins are the largest of all the penguins. They can grow up to the height of a 7 year old child. What a tall bird! Adult penguins are mainly black and white with some yellow on their necks. The babies are grey and fluffy but when they grow up their fur turns into feathers.

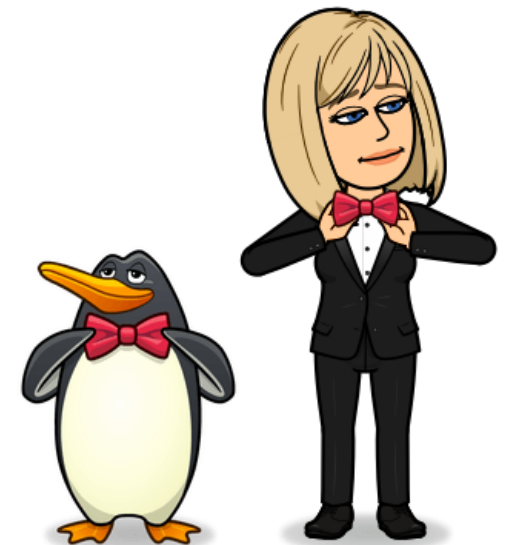


Today's
TASK

Appearance

Look at how many facts are use.

The report discusses adult and baby penguins.

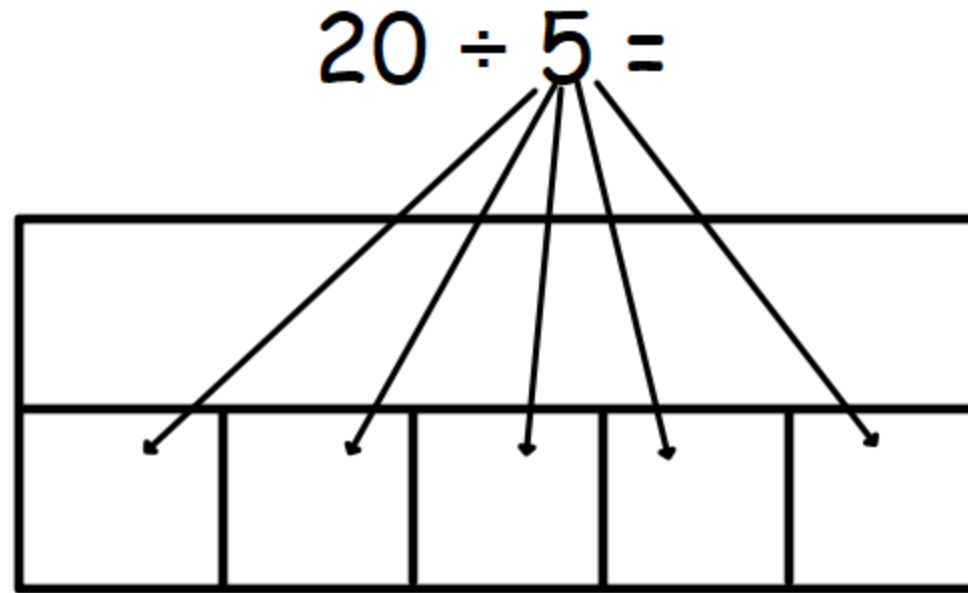


Wednesday - Maths

Today we are going to recap the bar model method we can use for dividing.

For this question $20 \div 5 =$ we need to draw a bar model with 5 parts at the bottom because we are dividing by 5.

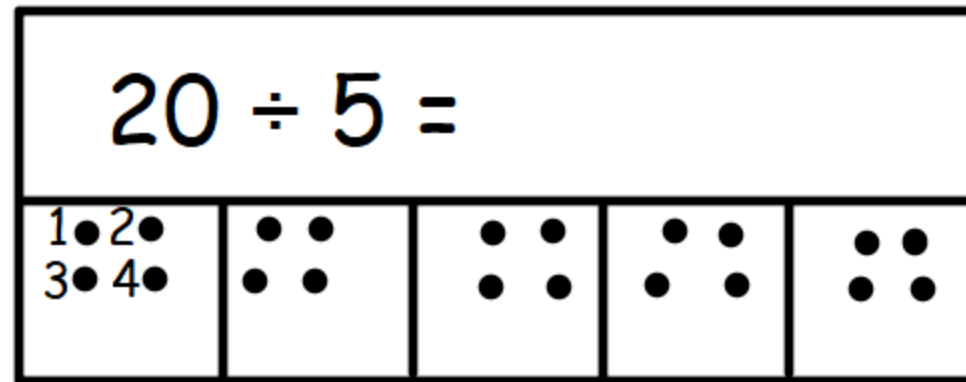




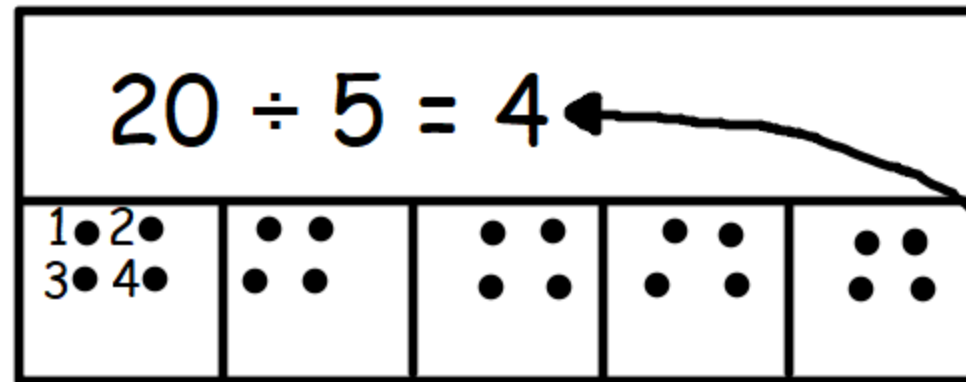
bar model with 5 parts at the bottom

| | | | | |
|---------------|----------|----------|----------|----------|
| $20 \div 5 =$ | | | | |
| •• •• | •• •• | •• •• | •• •• | •• •• |

Now share 20 dots into the 5 parts



Count how many dots in each part



There are 4 dots in each part so our answer is 4.

Have a go at these questions using a bar model.

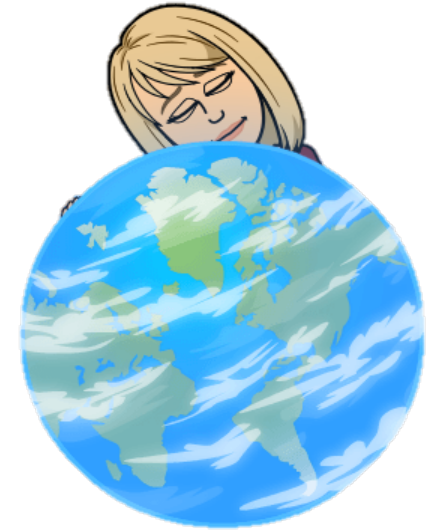
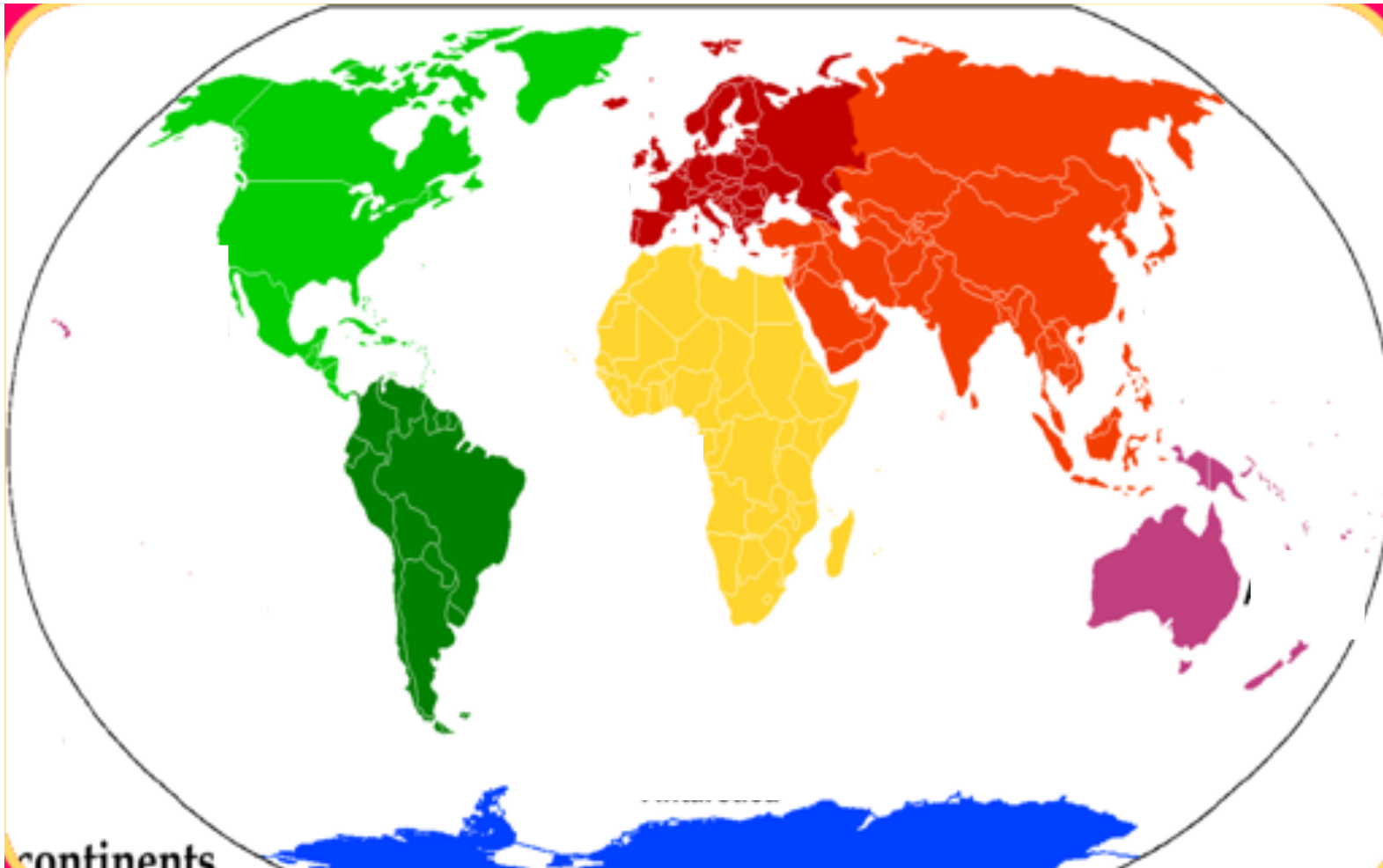
$$14 \div 2 =$$

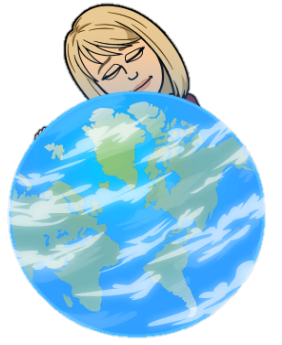
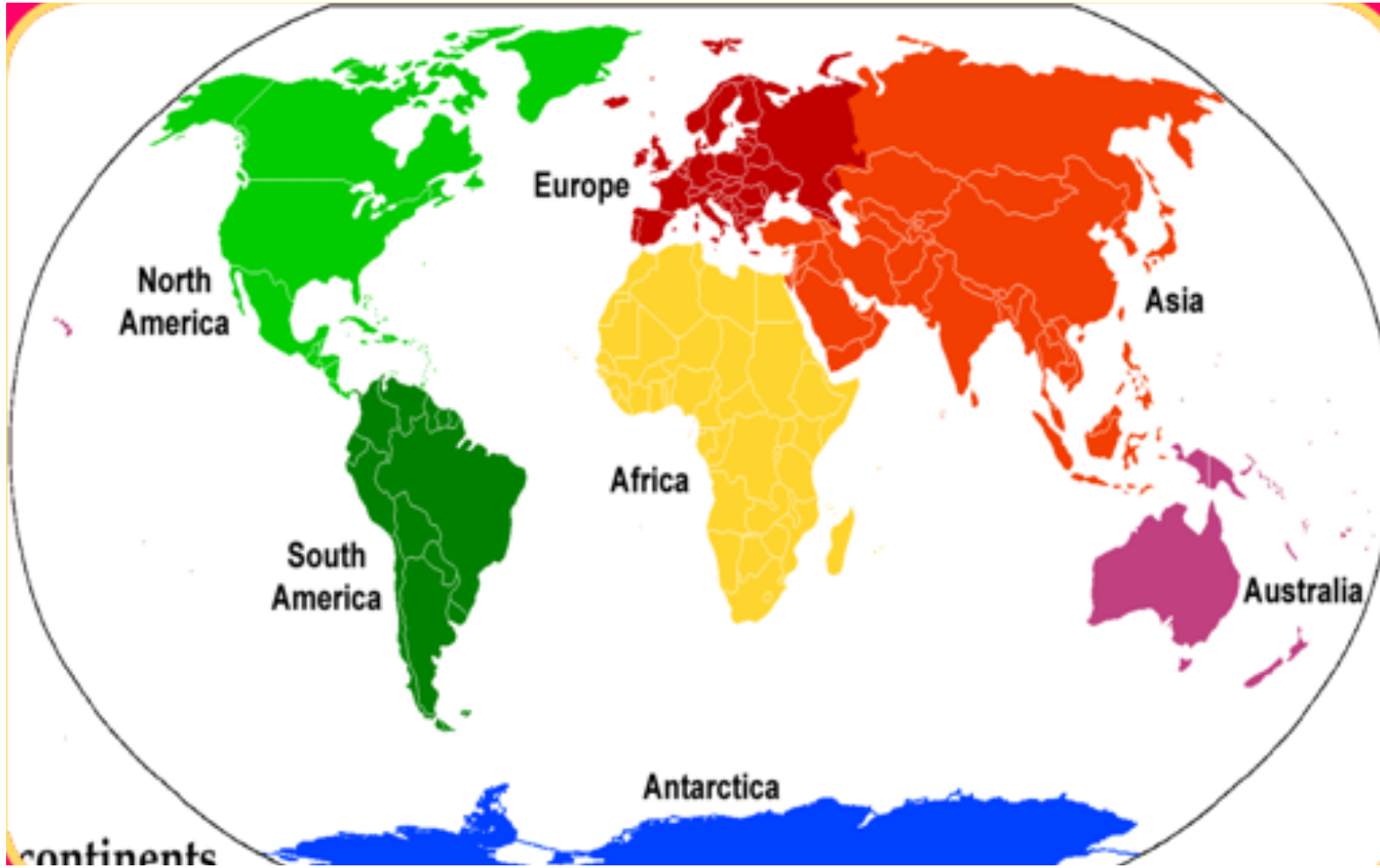
$$50 \div 10 =$$

$$10 \div 5 =$$

Wednesday - Topic - Geography

Can you remember the 7 continents?

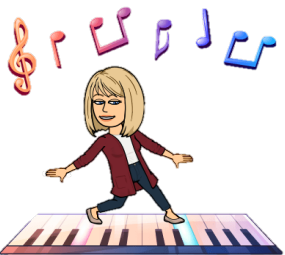




How many did you get?

All of the white space
around the continents
are oceans.

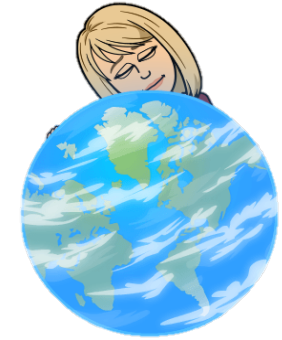
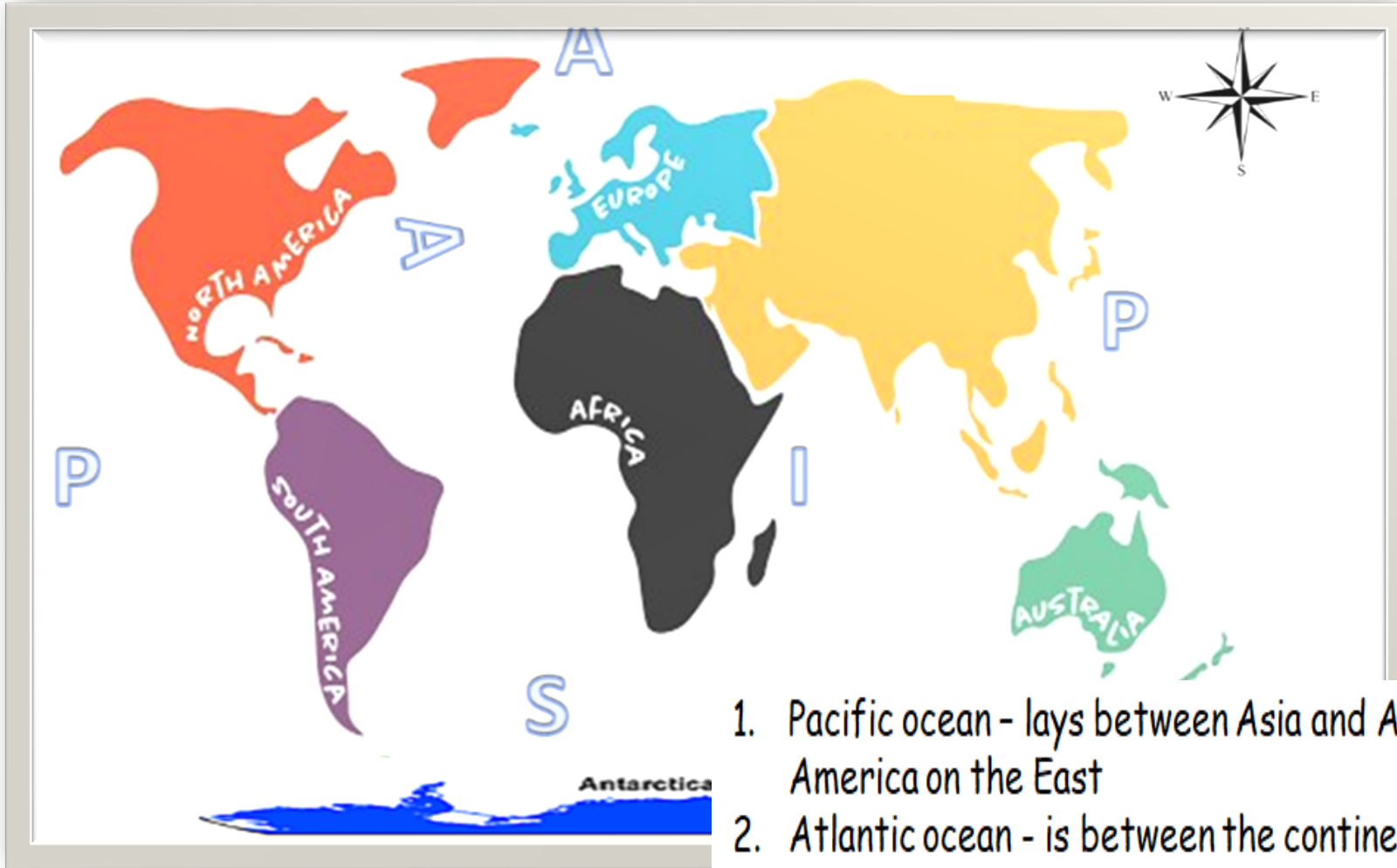
There are 5 oceans and
here is a song to help
you learn them.



<https://www.youtube.com/watch?v=X6BE4VcYngQ>

Wednesday - Topic - Geography

Use these clues to work out which ocean is which.



1. Pacific ocean - lays between Asia and Australia on the west **and** North and South America on the East
2. Atlantic ocean - is between the continents of America and Europe and Africa.
3. Indian Ocean - lies between Africa on the west, Australia on the east, Asia on the north, and Antarctica on the south.
4. Southern Ocean - It is where cold Antarctic waters mix with warmer waters.
5. Arctic - is located around the North Pole across the Arctic circle.

Thursday - English

You are going to do one section of the report at a time. I think it is important to read the section on Emperor Penguins again before you write yours on Chinstrap penguins. You may need to re-watch the video.

Diet

Penguins eat fish, krill and squid. Mother penguins hunt for food for their babies. Did you know, they eat their food and spit it back up into their babies mouths? How strange!

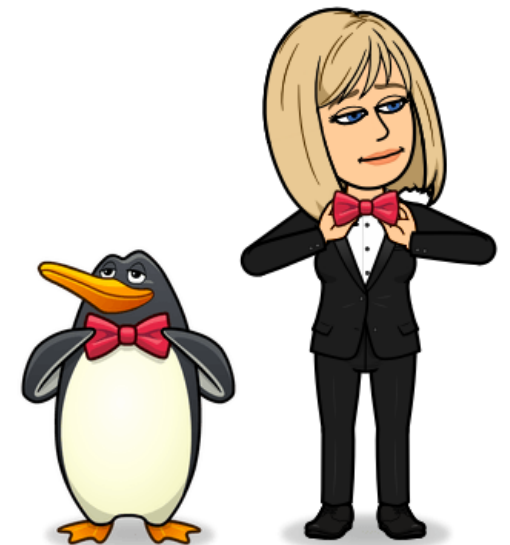


Today's
TASK

Diet

Look at the commas in a list used.

Look at the fact communicated through a question.



Thursday - Maths

Thursday

Today you will work out some division problems on your own.

You can use any method you like but remember to write down you working out.



$$16 \div 4 =$$

$$10 \div 2 =$$

$$15 \div 3 =$$

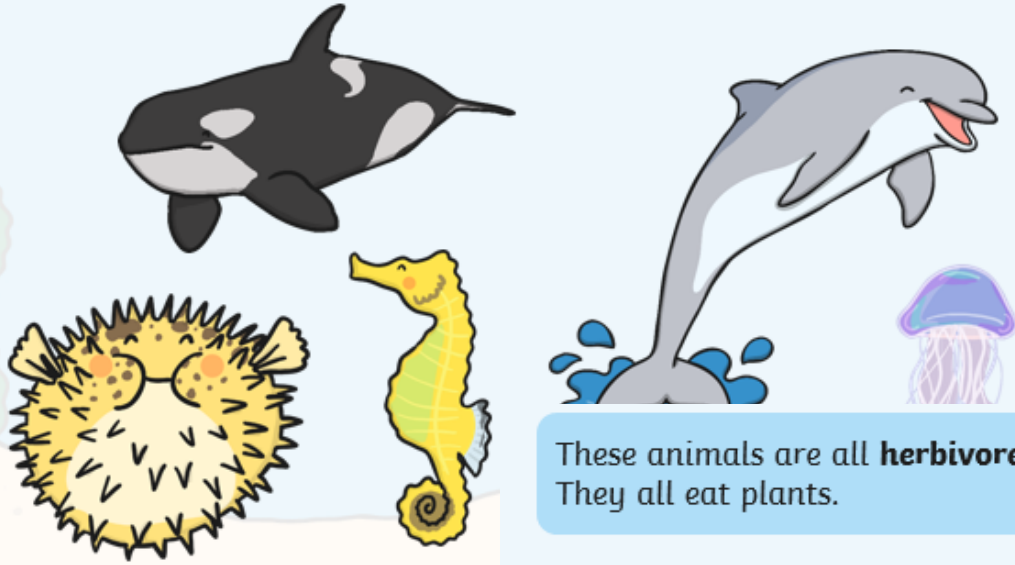
$$60 \div 10 =$$

$$21 \div 7 =$$

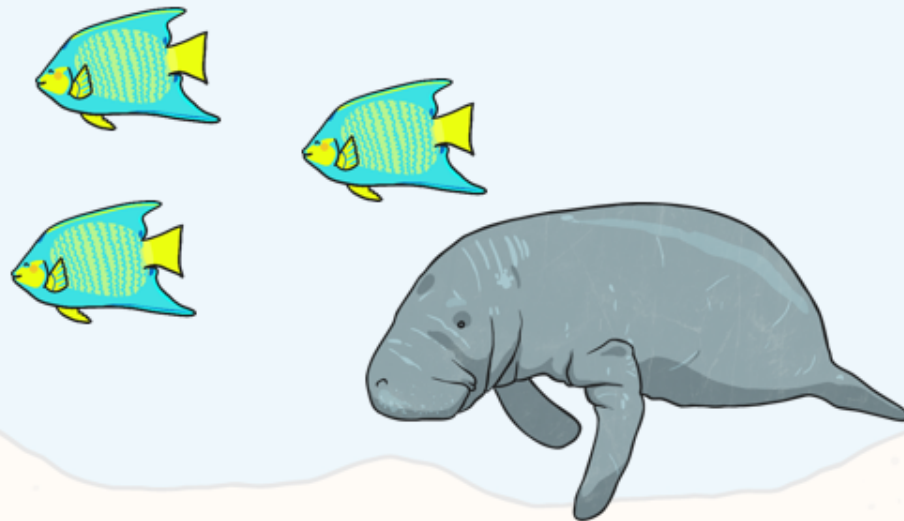
$$9 \div 3 =$$

Thursday - Topic - Science

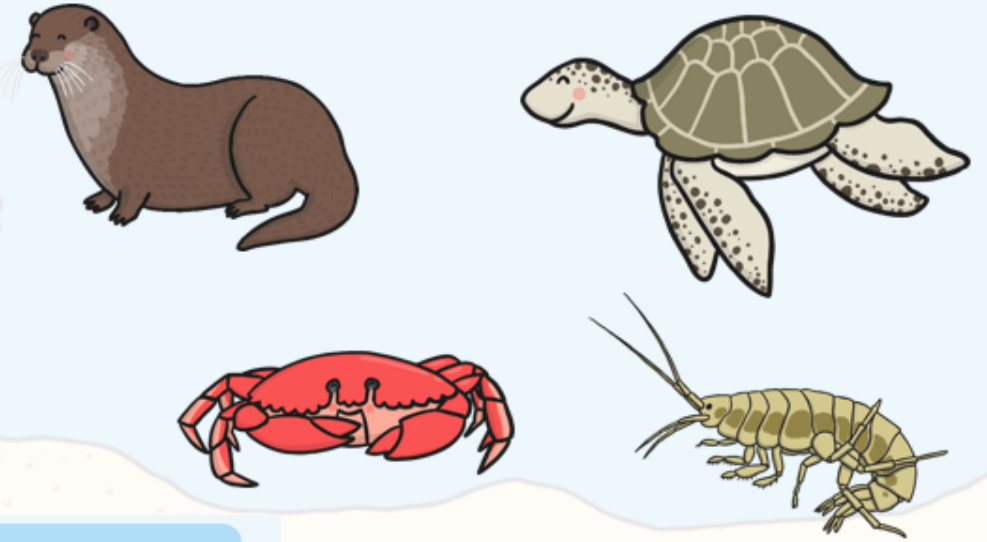
These animals are **carnivores** that live in the sea.
They all eat other **animals**.



These animals are all **herbivores** that live under the sea.
They all eat plants.



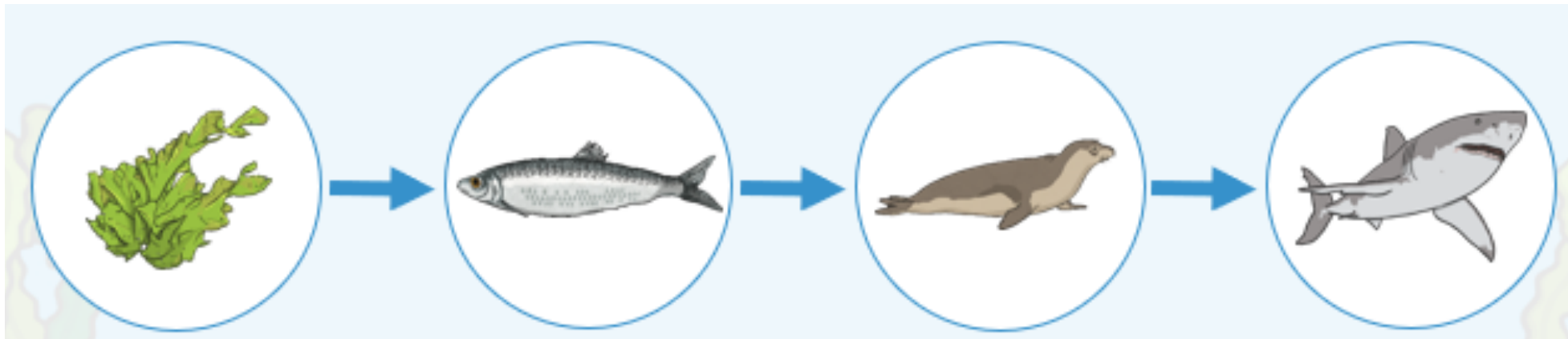
These animals are **omnivores**. They eat **plants** and **animals**.



Can you create some under water food chains? Remember to include a penguin.

Remember, it always starts with a producer which is a plant and ends with the fiercest predator!

Here is one to start you off



Friday - English

You are going to do one section of the report at a time. I think it is important to read the section on Emperor Penguins again before you write yours on Chinstrap penguins. You may need to re-watch the video.

Threats

Penguins are hunted by predators like killer whales, seals and great white sharks. In some parts of Antarctica, penguins are finding it difficult to survive because there is not enough fish for them to eat. We humans need to make sure we don't eat all their fish.



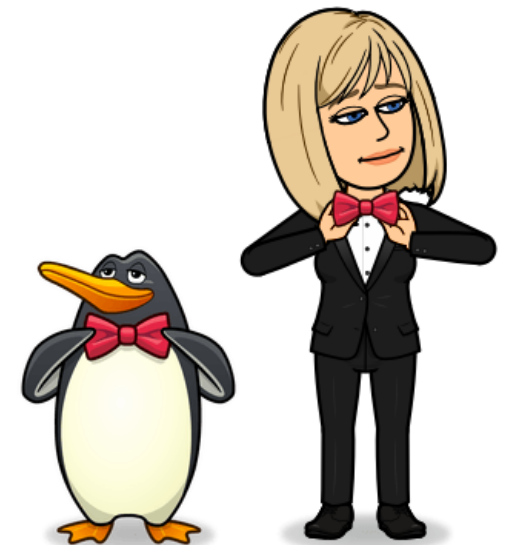
A fishing boat in Antarctica stealing all of the fish.

Today's
TASK

Threats

Look at how predators are mentioned.

Look how it gives the reader some responsibility to help.



Friday - Maths

Friday

Today you will work out some worded division problems.

Look out for these words ...

share

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division

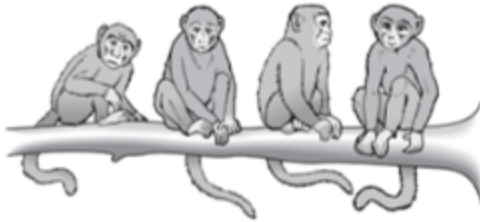
goes into

split equally



20 bananas are shared equally among 4 monkeys.

How many bananas does **each** monkey get?



A shopkeeper has 20 fish and 5 fish bowls.

He puts the same number of fish in each bowl.

How many fish go in each bowl?

fish

Dee has 20 marbles and some bags.



She puts 2 marbles in each bag.

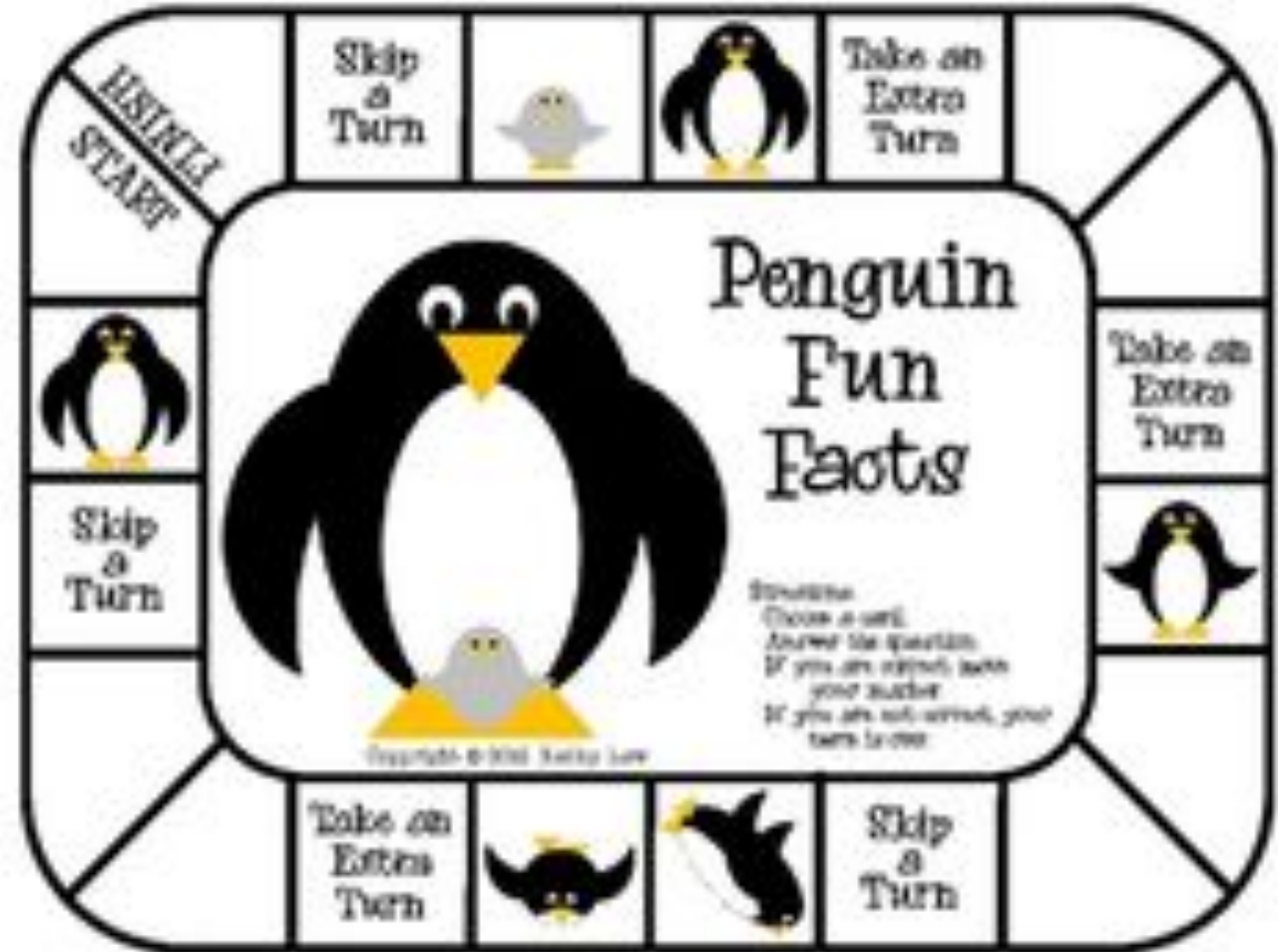
(a) How many bags does she use?

Friday - Topic -DT

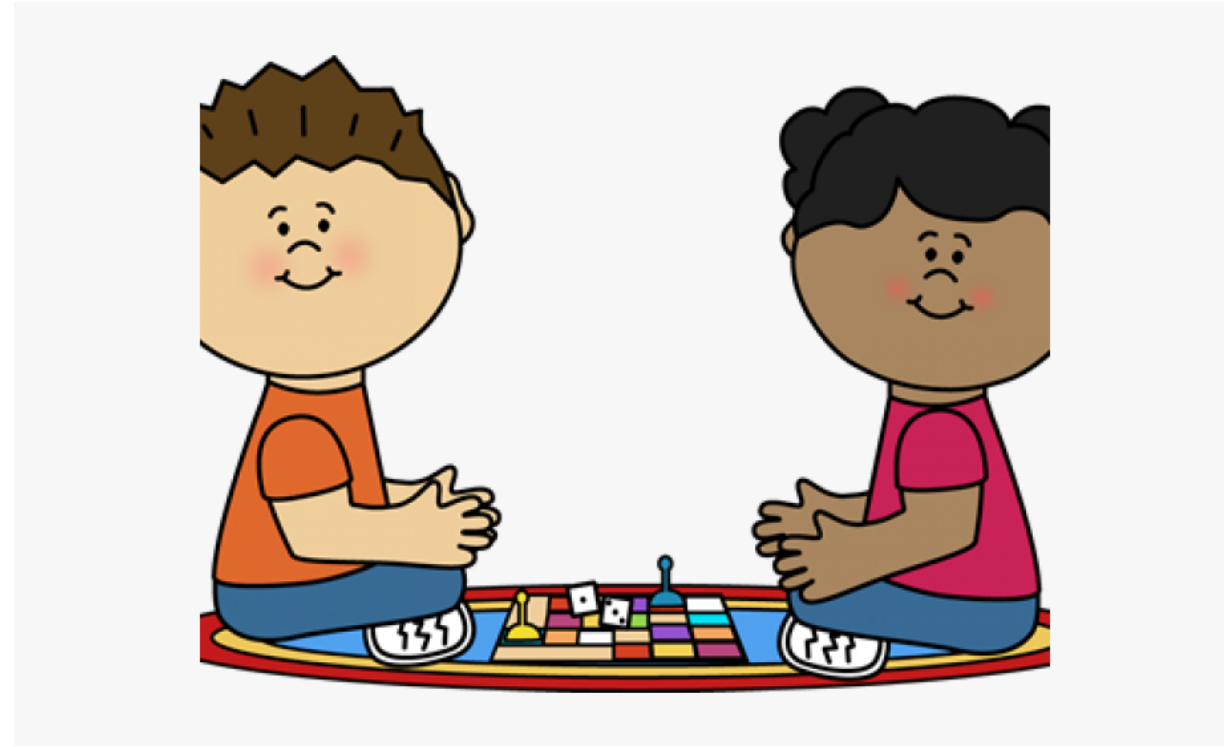
As a nice creative treat for Friday, you can put all your new knowledge and art skills into practise.

Come up with a board game which gives the players facts about penguins. You have read a report on Emperor Penguins and written one on Chinstrap Penguins so you know lots!

You will need to create fact cards.



Enjoy playing
your board game
together!!



Well done for completing this week's work on "Chinstrap Penguins."

You should now have a non-fiction report all about penguins which gives the reader lots of useful information and facts. You may also be more familiar with the different oceans and where different animals live. Remember, penguins and polar bears live in different places! Penguins in the Antarctic and polar bears in the Arctic.

Next week will be the last week of school so we will give you something fun to get on with.

We will speak to you soon!

Cheerio!

Stay safe!



From *Mrs McGuinness*
and *Mr Pedwell*