

STAGE 2

TERM 4

**Week 2**

MONDAY

# SPELLING

1. High Frequency words - look, cover, write and check words daily.

neighbour	persuade	conscious	accommodate
frequently	government	shoulder	vegetable
determined	curiosity	marvellous	queue



Earth Watch: Drowning in Plastic!

The Earth's oceans are home to an amazing variety of animals and plant life. Every year, more and more plastic ends up in the oceans.

As this continues, marine life will struggle to deal with the massive changes plastic pollution is causing.

READING

Imagine a loggerhead sea turtle lazily wandering the ocean depths in search of a tasty sea jelly. Off in the distance, it spies the perfect snack, swims over, and swallows it in a single gulp.

This simple day in the life of a loggerhead sea turtle has been going on for millions of years. But this time, the sea jelly is a plastic bag! More than half of all marine turtles are estimated to have plastic in their stomachs, and it is there to stay. Ocean plastic is consumed by other marine animals and birds too, choking or starving them. It also gets wrapped around them, causing severe injuries or death.

# READING

## FLOATING ISLANDS

Sea currents in the Pacific Ocean naturally form whirlpools, or gyres, which collect floating objects. In 1997, yachtsman Charles Moore sailed through the North Pacific gyre and realised it had been collecting vast amounts of plastic that had made its way into the ocean from countries all over the world. This huge island of floating plastic became known as the 'Great Pacific Garbage Patch'.

Other gyres in the world's oceans also collect the discarded plastic debris of our single-use society. Another problem is that this plastic lasts centuries. Some plastic objects recently found in the ocean are up to 60 years old.



The Great Pacific Garbage Patch covers an area three times the size of France.

The scary thing about these plastic islands is that they are only a small part of the plastic hidden below the surface. The ocean floor is littered with millions of tonnes of plastic waste, which is difficult to get to and to remove. In 2018, a plastic bag was spotted at a depth of over 10 000 metres in the Pacific Ocean's Mariana Trench. In fact, parts of the sea floor have higher levels of chemical pollution than some of the most polluted rivers in China. These chemical pollutants come from the breakdown of plastic in seawater.

## FOREVER AND A DAY

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to end up in rivers and oceans. Not only this, but as larger plastic products erode in seawater, they break down into smaller and smaller parts until they also become microplastics.

Microplastics enter the food chain when they are eaten. As smaller animals are eaten by larger ones, microplastics soon cause problems all the way up the food chain – even for humans. Once in our bodies, toxic microplastics upset important bodily systems. Doctors and scientists worldwide are calling for action to reduce plastic and improve the health of people and animals.



## FINDING SOLUTIONS

Programs in place to clean up our oceans are not enough on their own. Scientists are working to develop plastic-eating bacteria, companies are experimenting with biodegradable materials to replace plastic, and people are replacing single-use items, like plastic straws, with reusable metal or paper ones. Only by working together as a global community can we hope to fix the mistakes of the past and make the world a better, less polluted place in the future.

More than 100 million marine animals die each year from eating plastic.



## Activity:

1. Before reading - Use your prior knowledge of single-use plastics and their negative impacts on the environment to write a list of words that you think will appear in this text. Share your word list with someone at home.
2. During reading - As you are reading, try to visualise what plastic in the ocean looks like. Describe your mental pictures to someone at home.
3. After reading - In your work book list at least five facts from the text that relate to plastics in the ocean. Choose one fact and explain in greater detail.

# CRUNCH & SIP



# WRITING

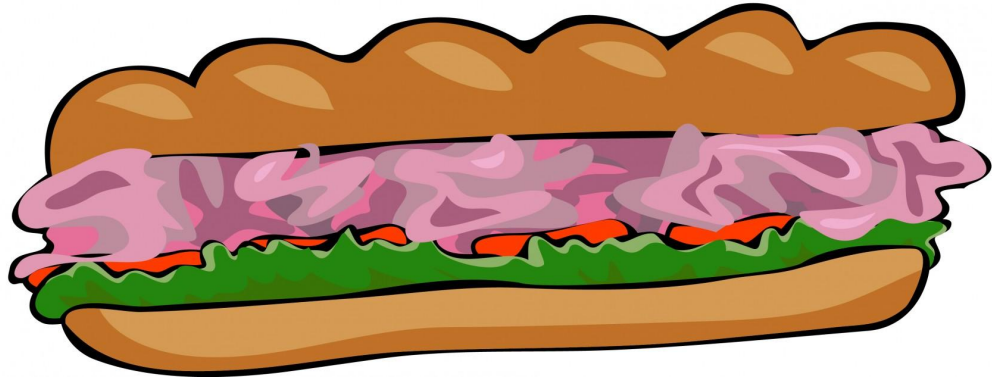
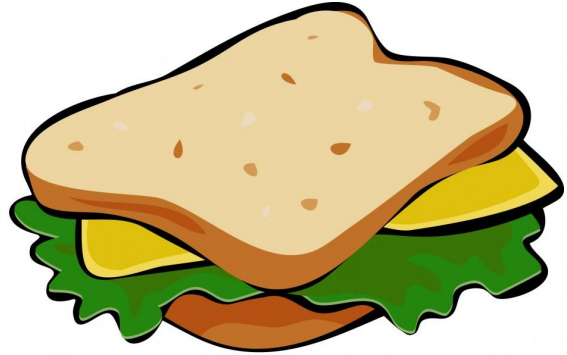
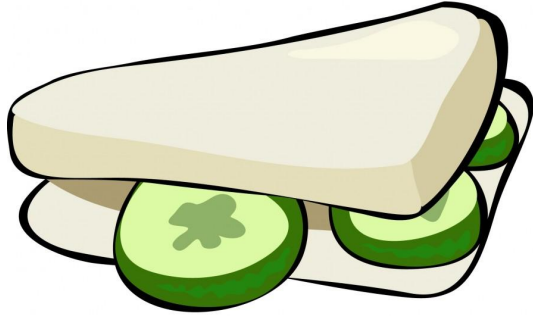
## **Watch:**

<https://www.youtube.com/watch?v=MPGhEJicbC4>

## **Activity:**

- a) Draw a picture of a dog. Write everything you know about dogs around your picture of the dog. For example, a pet, playful, protection, friend, etc.
- b) Now choose 3 things and write a paragraph about it following the examples on the video.
- c) Edit your work

RECESS



This week we are looking at length and area:

# MATHEMATICS

Warm Up:

In your workbook, write the abbreviations for the following units of measurements: metre, centimetre, millimetre

How many mms in a centimetre?

How many mms in a metre?

How many cms in a metre?

Challenging:

How many 25mm slices of rock can be made from a 8.5m piece of rock?

## Activity: Measure and Compare lengths


Choose 5 objects around your home.

You can draw or write the name of your objects.

Measure your object in cm, mm or m.

Compare your object with other objects using comparing vocabulary - bigger and smaller.

Draw up a table in your workbooks that looks like this:

Object	Measurement	Compare What is it bigger than?	Compare What is it smaller than?
<p>Example</p> 	15cm wide	It is bigger than my pencil case.	It is smaller than the whiteboard.

# FITNESS TIME!

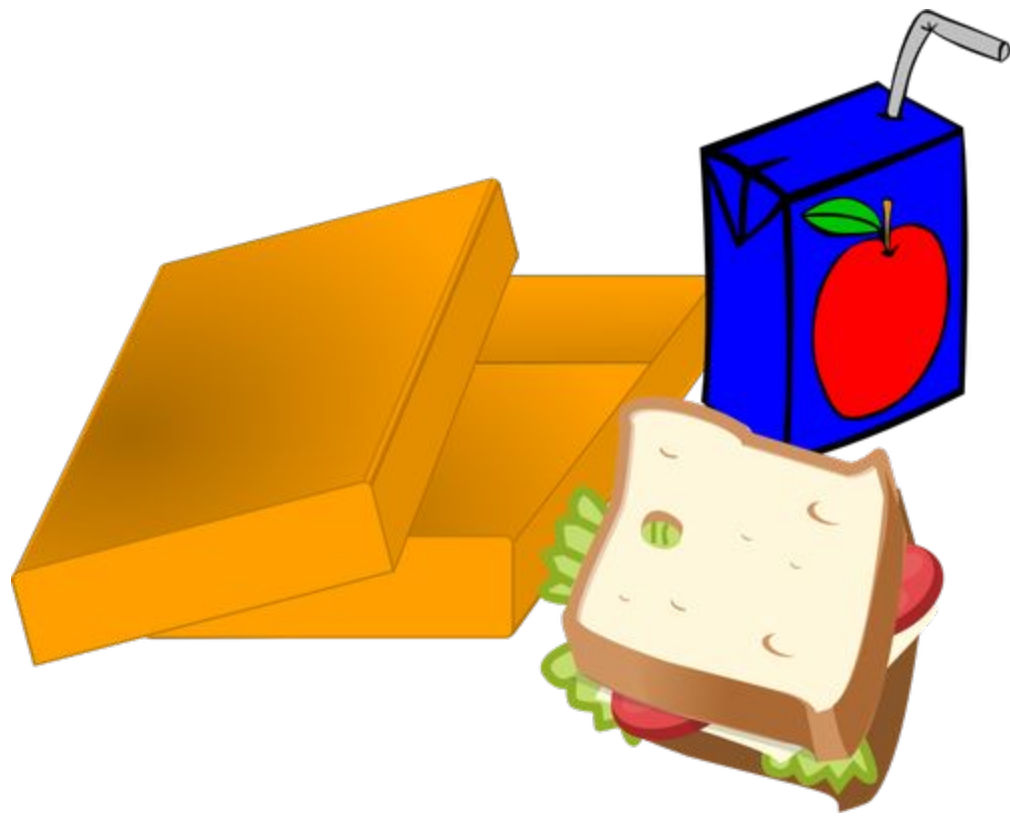
Just Dance:

[https://www.youtube.com/watch?v=gVfgTw\\_W\\_JY](https://www.youtube.com/watch?v=gVfgTw_W_JY)





LUNCH





# GEOGRAPHY

**What are  
the  
natural  
features  
of  
Australia?**

**Watch the video: The Great Southern Land.**

**Make a list of all the Australian things you heard about or saw.**

1.

2.

3.

4.

5.

**Listen to the songs again and now add things to the table of natural features below.**

Climate/weather	Landscape	Vegetation/plants

TUESDAY

# SPELLING

neighbour	persuade	conscious	accommodate
frequently	government	shoulder	vegetable
determined	curiosity	marvellous	queue

Choose 5 words and put these words into sentences;

1.

2.

3.

4.

5.



# READING

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## Reading Activity:

1. In your work book define the phrase 'Great Pacific Garbage Patch'.
2. In your own words, explain how people could stop more plastic from entering the ocean.
3. Draw a flow chart poster that instructs others how to keep plastic out of the oceans or create an educational poster to make people aware that animals are suffering from plastic pollution in the ocean.

# CRUNCH & SIP



# WRITING: FACT OR OPINION

## Watch

[https://www.youtube.com/watch?v=FIyt5pEcE\\_g](https://www.youtube.com/watch?v=FIyt5pEcE_g)

In your work books, answer the following:

- a) What is fact?
- b) Where can we find facts?
- c) What is opinion?

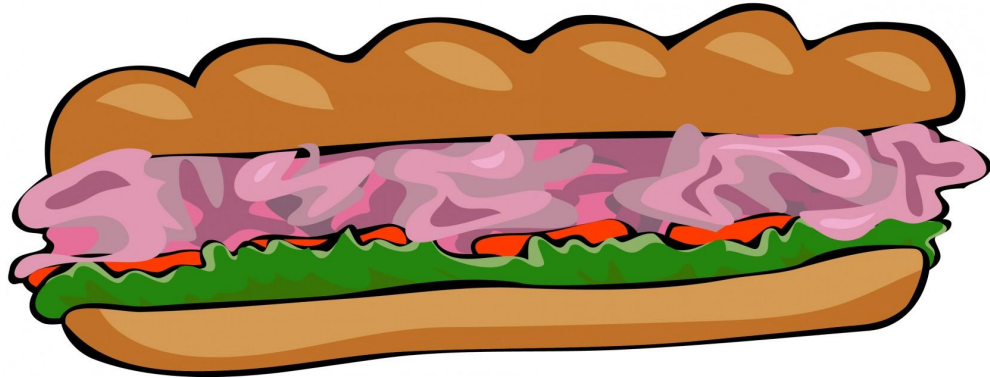
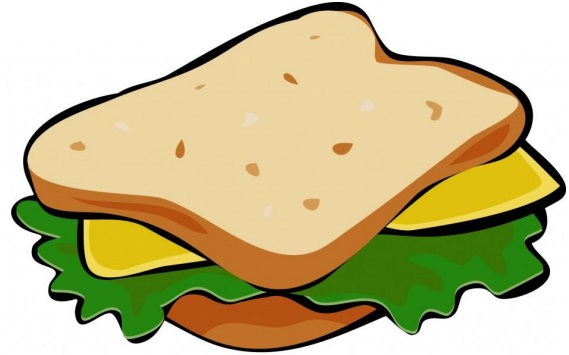
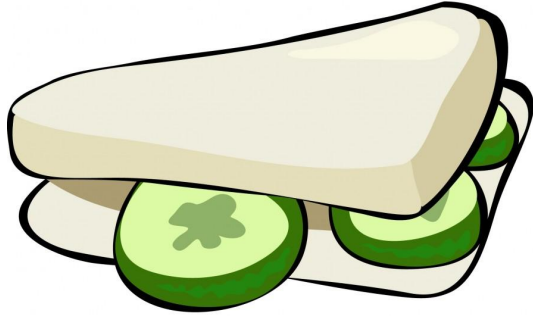
# WRITING: FACT OR OPINION

Write five facts and opinions in the table below”

Fact	Opinion



RECESS



Warm Up answers from yesterday: m, cm, mm  
10mm, 1000mm, 100cm  
Challenging: 340

# MATHEMATICS







Warm up:

Here are the top six results for an Olympics long jump event, measured in metres.  
If you were to add the lengths together what total would you get?

Germany	7.00m
Nigeria	6.97m
USA	6.97m
Serbia	6.91m
Ukraine	6.88m
Australia	6.86m

Challenging: Research other Olympic games events such as Javelin or high jump and add those totals together.

Using a ruler, measure these lines. Record your measurements next to the line or in your workbook:

	<input type="text"/>		<input type="text"/>
	<input type="text"/>		<input type="text"/>
	<input type="text"/>		<input type="text"/>

Order the lines above from shortest to longest:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Circle the units of measurement used to measure length:

millimetres  
litres

centimetres  
metres

kilograms  
kilograms

millilitres  
milligrams

grams

Write in your workbooks

What unit of measurement (mm, cm, m, km) would you measure:

A button \_\_\_\_\_

The distance between your house and school \_\_\_\_\_

Your pencil case \_\_\_\_\_

Your bedroom \_\_\_\_\_

What is something you are curious about learning length? Take this question as an opportunity to clear up something you are not sure about or give your teacher a challenging question.

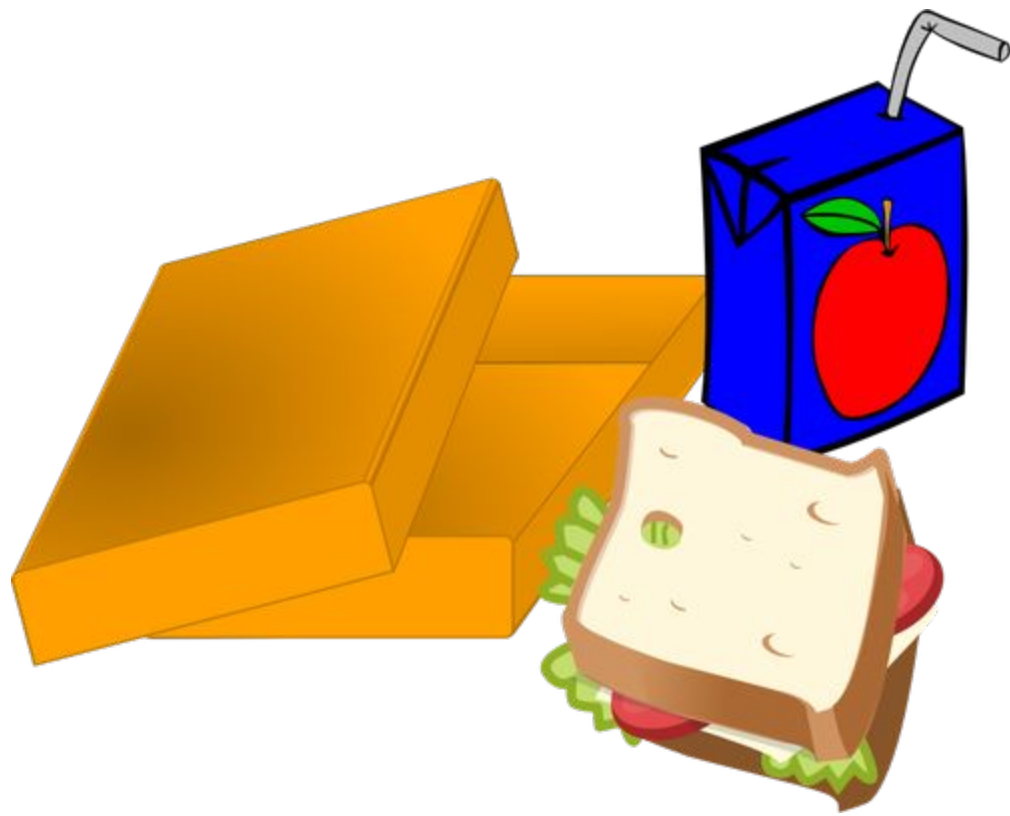
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LUNCH



# SCIENCE

Read the eBook [Earth's Spectacular Surface](#).

Use [Google Earth](#) to visit places from the book, then find some other spectacular landforms on Earth's surface. Write a sentence about where you would and would not like to visit and why.



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# SCIENCE

Which features are part of the Earth's natural surface? Sort the features listed into the groups: YES, NO, and MAYBE.

rocks	air	houses	sand	clouds	trees
gold	animals	oceans	soil	land	sun

YES	NO	MAYBE
rocks	air	clouds



WEDNESDAY

# SPELLING

neighbour	persuade	conscious	accommodate
frequently	government	shoulder	vegetable
determined	curiosity	marvellous	queue

Put the definition into your own words

What are some words that have a similar meaning?



Use the word in a sentence

Draw the word

# SPELLING

Choose a word from your spelling list and write it in the middle of this word map.

Complete each box surrounding the word.



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More than 100 million marine animals die each year from eating plastic.



Rich Carey/Shutterstock.com

## Reading Activity:

This text explores the extreme impact human-made plastics are having on sea life. Using facts from the article to guide you, in your workbook write a persuasive piece asking your local council to ban the type of plastic you think is most destructive.

You might also suggest how to swap that plastic for something else. Be sure to include persuasive language and use a formal writing style.

# CRUNCH & SIP



# WRITING

## Activity:

- a) In your workbooks, draw a picture of a Tiger. Write all the facts on one side of the page and opinion on the other side that you know about Tigers.
- b) Next, watch this link and write down other facts from the video.

[https://www.youtube.com/watch?v=8OmRW4em\\_vA&list=PLQInTIdJs0ZSjGHk8lsyV4Sdrs73wUv3Y&index=9](https://www.youtube.com/watch?v=8OmRW4em_vA&list=PLQInTIdJs0ZSjGHk8lsyV4Sdrs73wUv3Y&index=9)

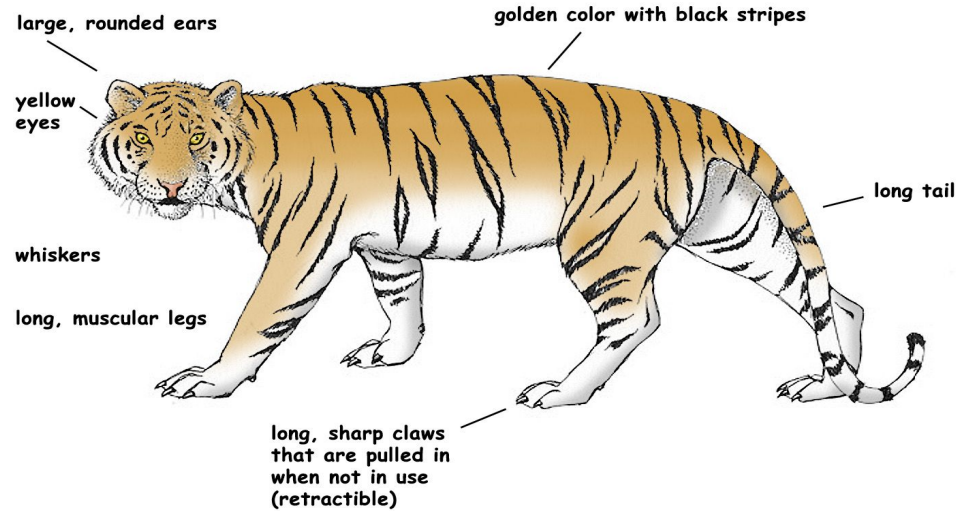
- c) Write gathered information into the information report structure (on next page or in workbooks).

## Title: Tigers

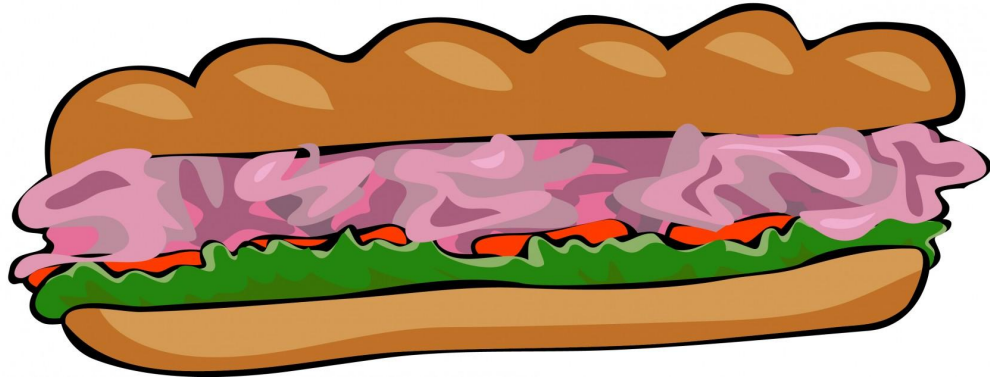
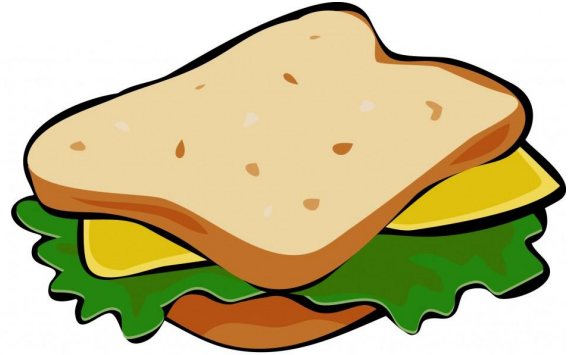
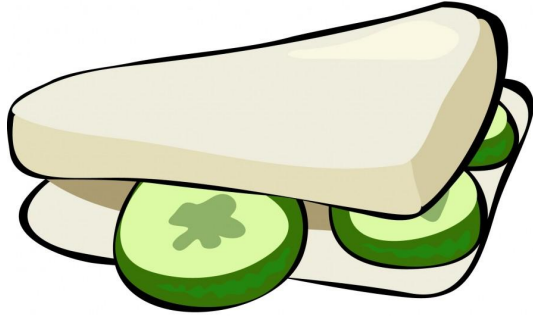
1. What does your animal look like?
2. To what other species is it related?
3. How does it move?
4. Where does it live?
5. What does it eat?
6. What are its predators?
7. How long does it live?
8. Is it endangered?
9. Why do you find it interesting?
10. Diagram (see image)

\*Remember to write in complete sentences  
using paragraphs

## **Tiger** *Panthera tigris*



RECESS



Answer to yesterday's warm up: 41.59m

# MATHEMATICS

Warm Up - Length:

Lay on the floor and get someone to measure your height with masking tape, now can you find a combination of items around your home to measure the same length as your height?

Challenging:

I have a 6m piece of ribbon and use 50cm of it to make a card. How much ribbon do I have left?

Warm Up - Area: Remember to work out area width  $\times$  length = e.g  $2\text{m} \times 2\text{m} = 4\text{msq}$

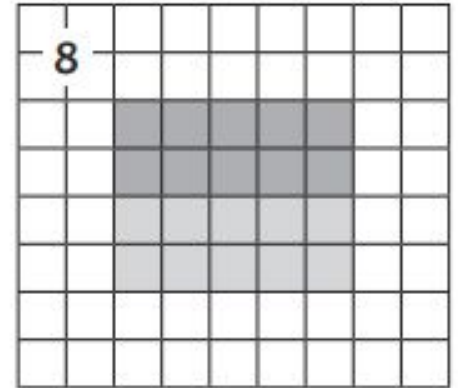
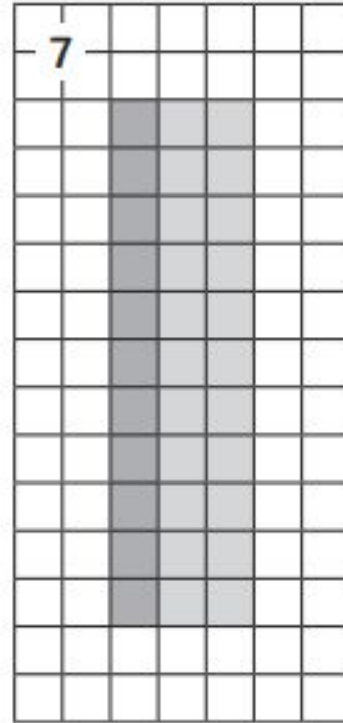
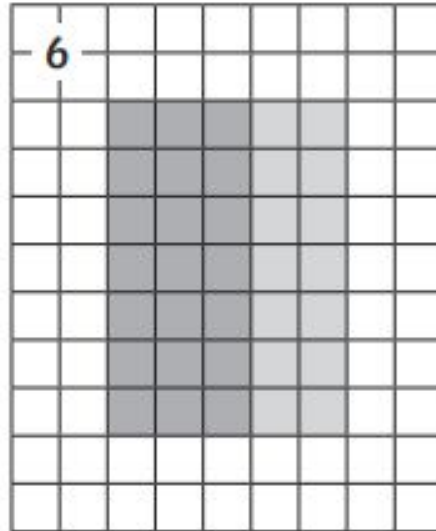
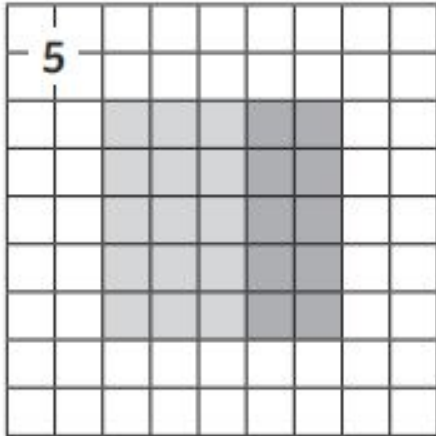
Allen planted that was 4 metres wide and 5 metres long. What is the area of his garden?

Challenging:

A new school classroom rug measured 12 metres wide and 11 metres long. What is the area of the rug?

Find the area using square units, complete the slide that suits your ability. Then compare them and put them in order from smallest to biggest. You can complete all slides if you want a challenge

Easy:









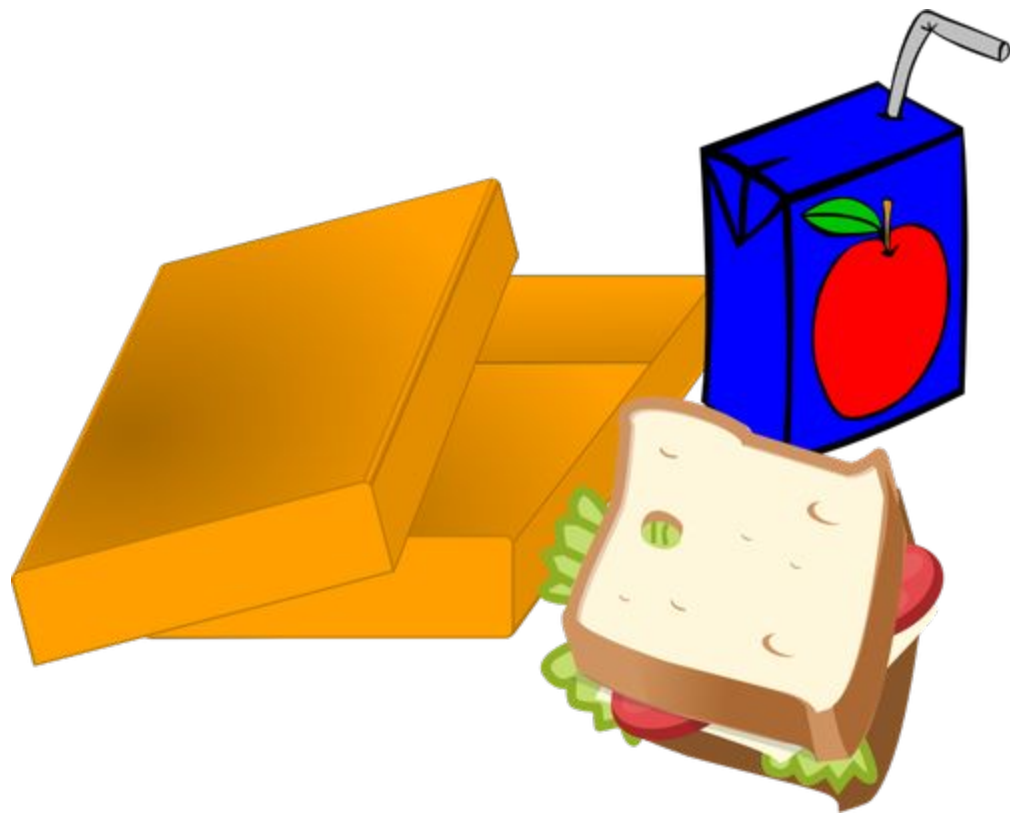
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LUNCH



# CREATIVE ARTS

## Art Project:

Create an art piece of one of the following:

- A planet
- The solar system
- The milky way
- Shooting star
- The sun
- The moon

What you need to do? Research one of the following and create an art piece of it

Due: Week 4

Art projects will be displayed in classrooms.

Be creative as you can.

# IDEAS FOR YOUR ART PROJECT



THURSDAY

# SPELLING

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Reading Activity: Answer the following questions in your work book.

1. What does plastic do to harm marine animals and birds?
2. Who sailed through the North Pacific gyre in 1997?
3. How old are some plastic objects that have been found in the ocean?
4. Why do you think some marine creatures might confuse plastic for food?
5. How do you think all the plastic gets into the ocean?
6. What could people do to reduce the amount of microplastics, single-use plastic, and waste that makes up ocean pollution?

# CRUNCH & SIP





# WRITING

## **Research Activity:**

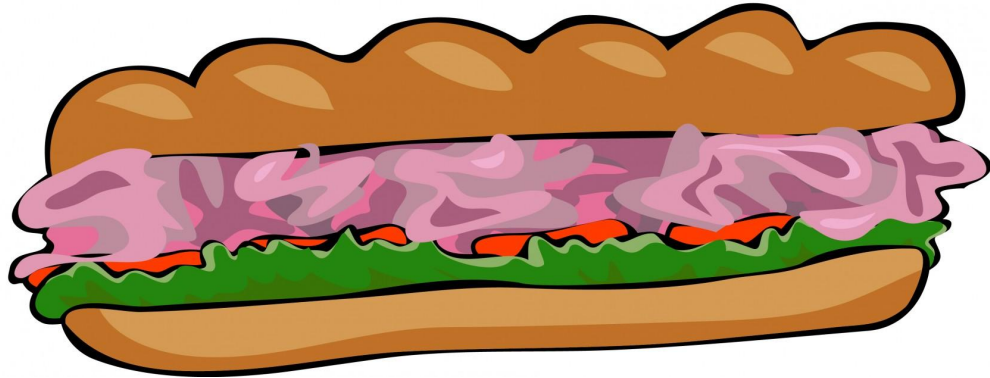
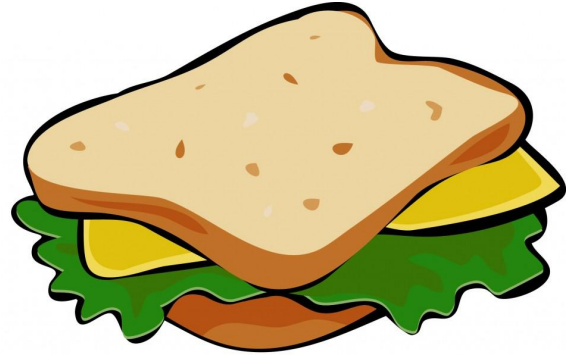
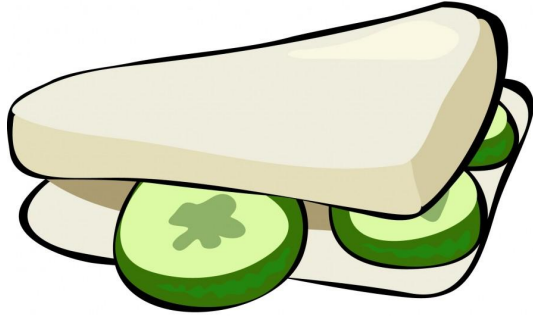
Using <https://www.kiddle.co/> search engine, answer the following questions about Polar Bears. Complete activity in your workbooks. Remember to gather as much information as you can about Polar Bears and write in paragraph form.

## **Title: Polar Bears**

1. What type of animal is it? Polar Bears are mammals
2. Appearance? They are .....
3. How does it move? The Polar Bear .....
4. Where is its habitat? They
5. What is their diet? A Polar Bear eats .....
6. What does it do?
7. What are its predators?
8. How long does it live?
9. Is it endangered? Why?
10. Interesting Facts x3
11. References:

Kiddle: <https://www.kiddle.co/>

RECESS



Length Warm Up Answers from yesterday:

Challenging: 5.5m or 550cm

Area Warm Up: 20 m sq, challenging: 132 m sq

# MATHEMATICS

Warm Up: Number of the day (complete the slide to suit your ability)

**Your number for today is 32.**

Using number 32, answer the following questions:

1. Write the number in words
2. Add 10
3. What is 10 less
4. Round your number to the nearest ten
5. Complete the pattern by adding 3 each time - 32, 35 \_\_\_\_, \_\_\_\_, \_\_\_\_.
6. Round to the nearest 10. 20 or 30? Circle your answer.
7. Even or odd? Circle your answer
8. Partition the number - \_\_\_\_ tens and \_\_\_\_ ones.

# Number of the day

**Number = 459**

1. Write the number in words
2. Add 50
3. Subtract (take away) 35
4. Round your number to the nearest ten
5. Complete the pattern 459, 469, 479, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
6. Round to the nearest 300. 400 or 500? Circle your answer.
7. Even or odd? Circle your answer
8. Partition the number - \_ hundreds, \_ tens, \_ ones
9. Double 459 =
10. Write your 5 times tables

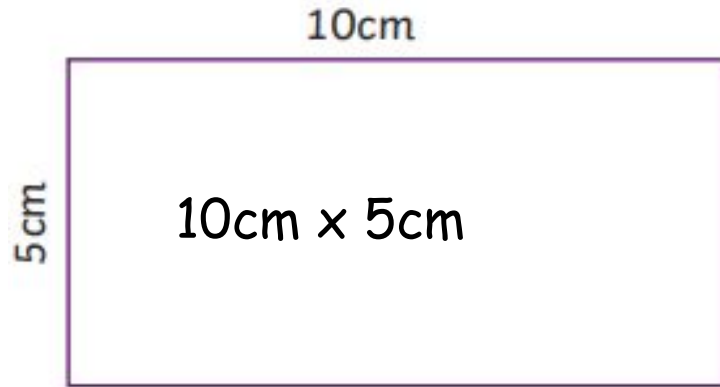
# Number of the day

**Number = 6257**

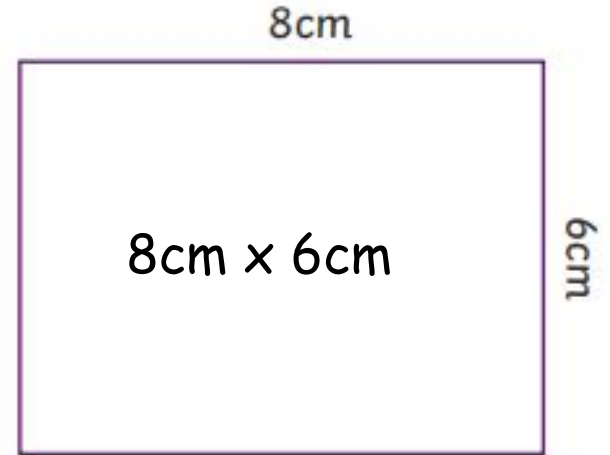
1. Write the number in words
2. Add 160
3. Subtract (take away) 76
4. Round your number to the nearest 10.
5. Round your number to the nearest 100.
6. Complete the pattern 6257, 6267, 6277, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
7. Even or odd? Circle your answer
8. Partition the number - \_ thousands, \_ hundreds, \_\_\_ tens and \_\_\_ ones.
9. Double 6257=
10. Next three odd numbers are? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
11. Write your 8 times tables

Calculate the area of each rectangle and compare them using  $<$ ,  $>$  or  $=$ .

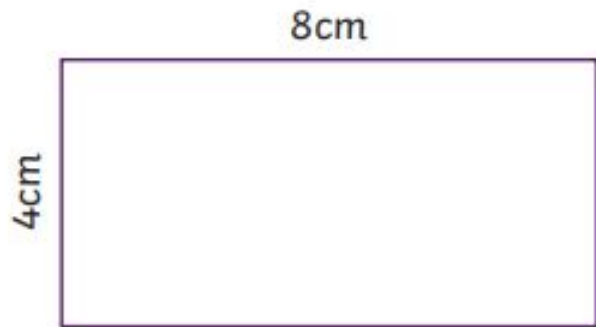
E.g.



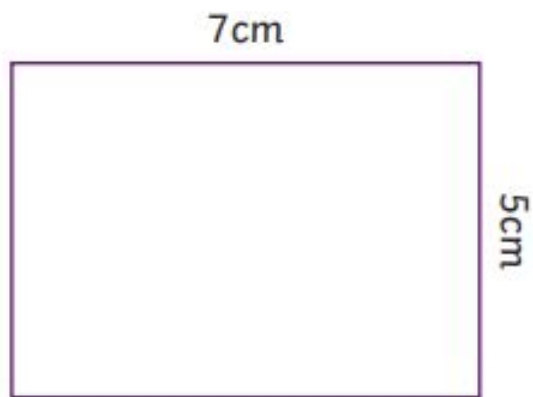
$$\text{Area} = \underline{50} \text{ cm}^2$$



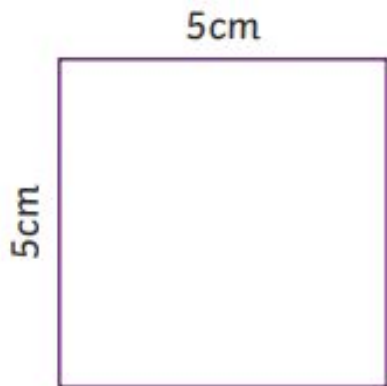
$$\text{Area} = \underline{48} \text{ cm}^2$$



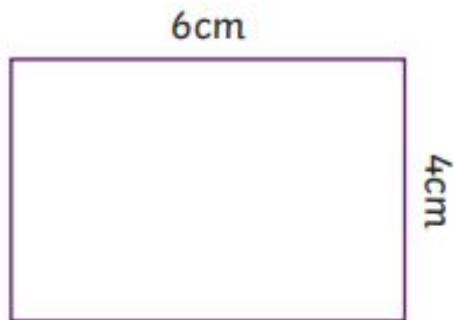
Area = \_\_\_\_\_  $\text{cm}^2$



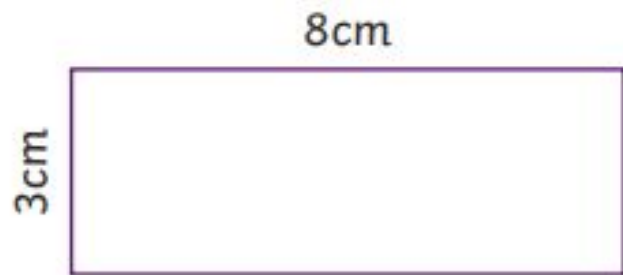
Area = \_\_\_\_\_  $\text{cm}^2$



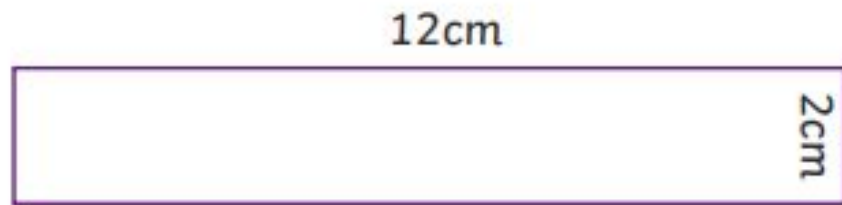
Area = \_\_\_\_\_  $\text{cm}^2$



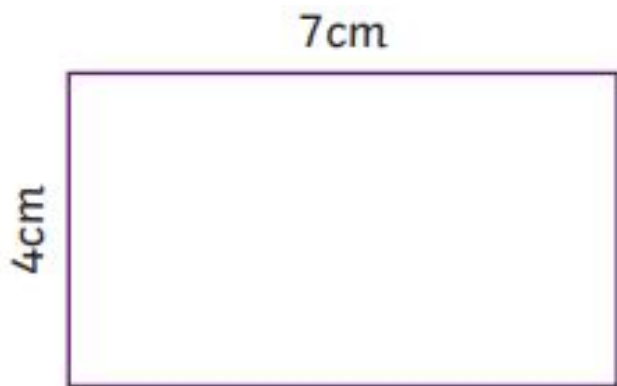
Area = \_\_\_\_\_  $\text{cm}^2$



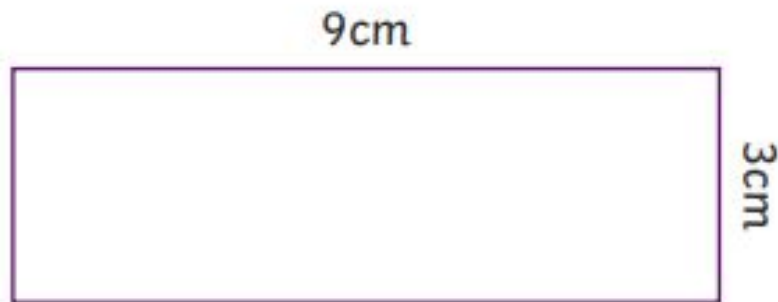
Area = \_\_\_\_\_  $\text{cm}^2$



Area = \_\_\_\_\_  $\text{cm}^2$

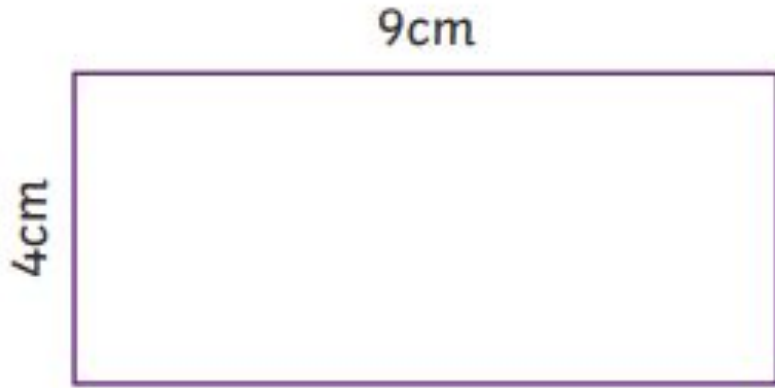


Area = \_\_\_\_\_  $\text{cm}^2$

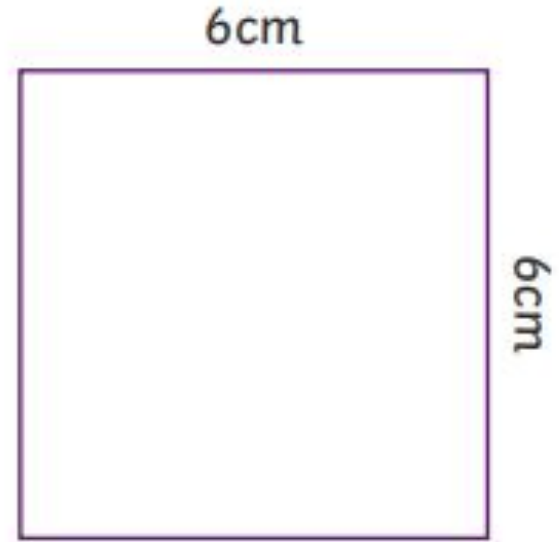


Area = \_\_\_\_\_  $\text{cm}^2$





Area = \_\_\_\_\_  $\text{cm}^2$



Area = \_\_\_\_\_  $\text{cm}^2$

Now in your workbooks draw your own 2 rectangles with different areas and compare the  $<$ ,  $>$  or  $=$ .

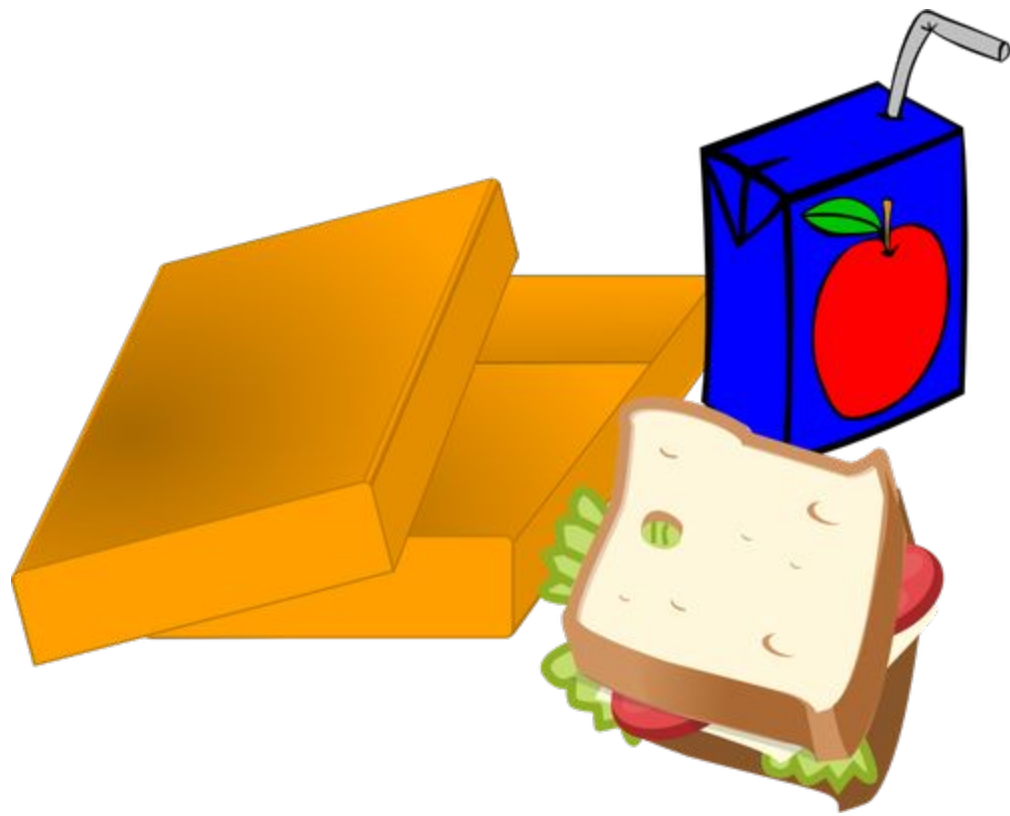
# FITNESS TIME!

Just Dance:

<https://www.youtube.com/watch?v=AFIqSaZM2D0>



LUNCH



## How Can I Build Healthy Relationships with Others

Read the following scenarios on the following slides.

1. Table 1 - Draw a line from each scenario to the behavioural strategy you think is best. You can add your own behavioural strategies in the blank boxes. You may use a behavioural strategy more than once.
2. Table 2 - Read the scenarios and write what you would do.

Table 1

<b>Scenario</b>
You are very worried about a friend who is being bullied and they are very upset
You get angry because your teacher says you must stay in at recess because you didn't do your homework, even though you did.
You are very excited because you have just been told that you are school captain for next year but aren't allowed to tell anyone.
You are feeling a little scared because your friends want to ply tackle footy instead of of touch.
You are confused about what to do for a school project. It is due tomorrow and you don't know what to do.
You are panicking because you can't find your blue socks for soccer training and you are running late.

<b>Strategy for dealing with it</b>
Tell an adult
Walk away from the situation
Calm down before responding. Count to 10. Take 5 deep breaths
Think about alternatives

Table 2 - Emotions: Read the scenarios and write what you would do.

<b>Scenario</b>	<b>What would I do?</b>
<p>Your best friend has been selected for the school netball team, but you didn't. They keep talking to you about how great a netballer they are now and how awesome the team is. It makes you upset, angry and frustrated. What do you do?</p>	
<p>Your birthday is coming up and you have invited everyone from your class to the party. No one has responded and you are feeling really upset. You don't understand why your friends aren't coming.</p>	
<p>You have been working very hard during Maths class at school. You receive your test marks and you haven't scored as well as you thought you would. You feel disappointed.</p>	

# PE

Choose a sport of your choice (soccer, rugby league, netball, basketball etc) and discuss with a family member what teamwork skills are used in that sport.

Using the equipment for that sport (get creative if you don't have a ball - remember you can make one out of paper) act out some of the teamwork skills used in that sport.

Is this helpful? Does teamwork make the sport easier or harder? Discuss this with a family member.

FRIDAY



# SPELLING

Write your weekly spelling test. Get someone from home to read aloud the spelling list to you and check your spelling. Let your teacher know how many you got correct this week.

Complete the word search.

## Earth Watch: Drowning in Plastic!

The Earth's oceans are home to an amazing variety of animals and plant life. Every year, more and more plastic ends up in the oceans.

As this continues, marine life will struggle to deal with the massive changes plastic pollution is causing.

# READING

Imagine a loggerhead sea turtle lazily wandering the ocean depths in search of a tasty sea jelly. Off in the distance, it spies the perfect snack, swims over, and swallows it in a single gulp.

This simple day in the life of a loggerhead sea turtle has been going on for millions of years. But this time, the sea jelly is a plastic bag! More than half of all marine turtles are estimated to have plastic in their stomachs, and it is there to stay. Ocean plastic is consumed by other marine animals and birds too, choking or starving them. It also gets wrapped around them, causing severe injuries or death.

# READING

## FLOATING ISLANDS

Sea currents in the Pacific Ocean naturally form whirlpools, or gyres, which collect floating objects. In 1997, yachtsman Charles Moore sailed through the North Pacific gyre and realised it had been collecting vast amounts of plastic that had made its way into the ocean from countries all over the world. This huge island of floating plastic became known as the 'Great Pacific Garbage Patch'.

Other gyres in the world's oceans also collect the discarded plastic debris of our single-use society. Another problem is that this plastic lasts centuries. Some plastic objects recently found in the ocean are up to 60 years old.



The Great Pacific Garbage Patch covers an area three times the size of France.

The scary thing about these plastic islands is that they are only a small part of the plastic hidden below the surface. The ocean floor is littered with millions of tonnes of plastic waste, which is difficult to get to and to remove. In 2018, a plastic bag was spotted at a depth of over 10 000 metres in the Pacific Ocean's Mariana Trench. In fact, parts of the sea floor have higher levels of chemical pollution than some of the most polluted rivers in China. These chemical pollutants come from the breakdown of plastic in seawater.

## FOREVER AND A DAY

An incredible 89% of all plastic products being used today are disposable (single use). This means they are used only once before being thrown away. Plastic is in almost everything we use these days, and once we have finished with it, few people seem to care what happens to it.

Much of the plastic problem affecting our oceans is caused by microplastics. These tiny beads of polyethylene plastic are barely visible to the human eye. They are used in cosmetics, cleaning products, and toothpastes, and they pass right through filtration systems

to end up in rivers and oceans. Not only this, but as larger plastic products erode in seawater, they break down into smaller and smaller parts until they also become microplastics.

Microplastics enter the food chain when they are eaten. As smaller animals are eaten by larger ones, microplastics soon cause problems all the way up the food chain – even for humans. Once in our bodies, toxic microplastics upset important bodily systems. Doctors and scientists worldwide are calling for action to reduce plastic and improve the health of people and animals.

## FINDING SOLUTIONS

Programs in place to clean up our oceans are not enough on their own. Scientists are working to develop plastic-eating bacteria, companies are experimenting with biodegradable materials to replace plastic, and people are replacing single-use items, like plastic straws, with reusable metal or paper ones. Only by working together as a global community can we hope to fix the mistakes of the past and make the world a better, less polluted place in the future.

More than 100 million marine animals die each year from eating plastic.



## Reading Activity:

Explanations use subject-specific vocabulary related to the topic being explained.

Create a poster presentation that illustrates an invention you think could help clean up plastics in the ocean. Include a labelled diagram and information to show how your invention will work.

Include five types of subject-specific vocabulary from the text.

# CRUNCH & SIP



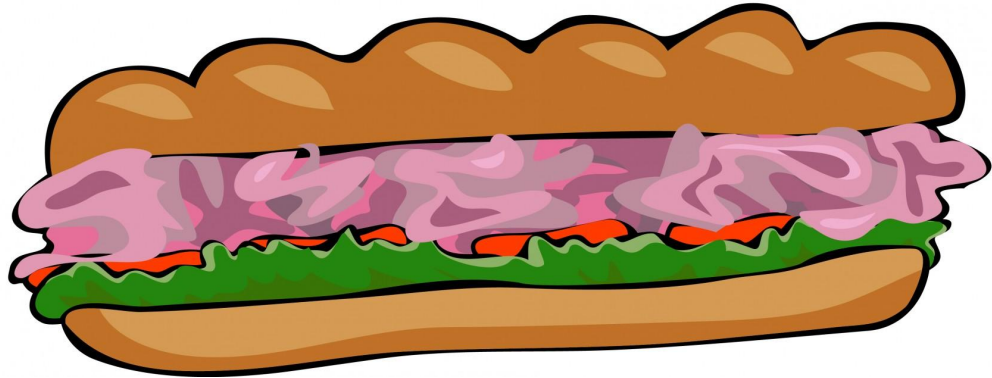
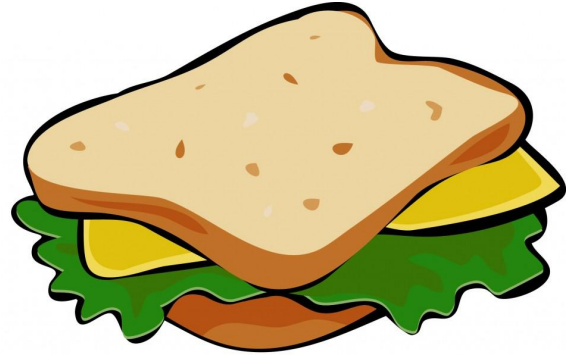
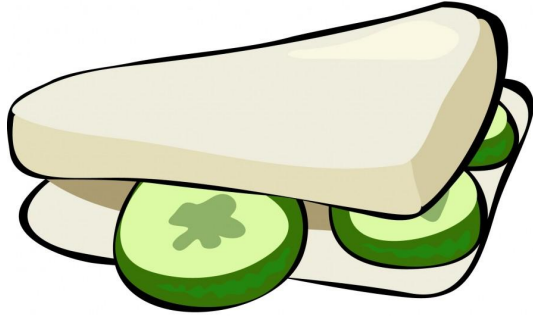


# WRITING

## Activity:

1. Complete unfinished work.
2. Edit work (capital letters, full-stops, commas, structure).
3. Publish one piece of writing either in workbooks or on Google Docs and share to your teacher using Class Dojo or Google Classroom.
4. Remember the title and short date.

RECESS



Warm up: Climb the mountain.

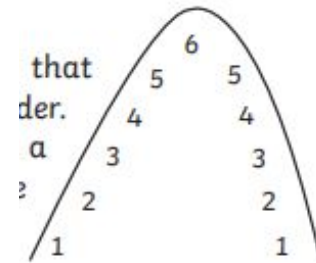
You will need a dice, piece of paper, pencil.

# MATHEMATICS

Each player needs to draw a mountain on their paper with the numbers 1-5 ascending up one side, the number 6 on the peak and the numbers 5-1 descending down the other side.

Players must roll each number that is shown on the mountain in order starting with 1.. Each number must be rolled in order E.g. Players must roll 1 before climbing to 2. The winner is the first player to climb up and over the mountain.

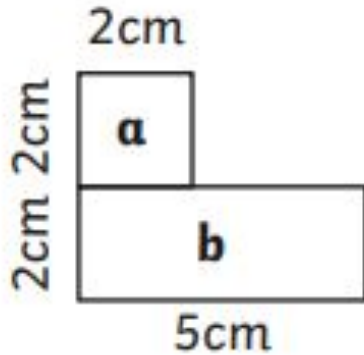
Challenging: increase the size of the mountain to climb and use 2,3 or 4 dice to roll



Area of compound shapes, calculate the area of each rectangle then add them together to get the area of the whole compound shape.

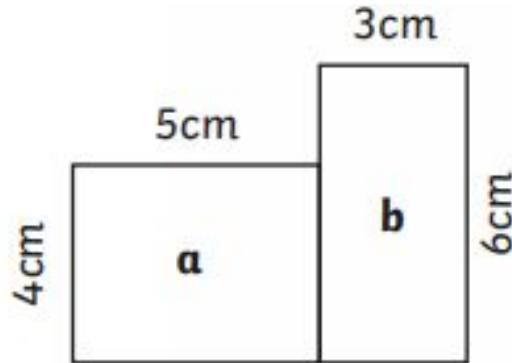
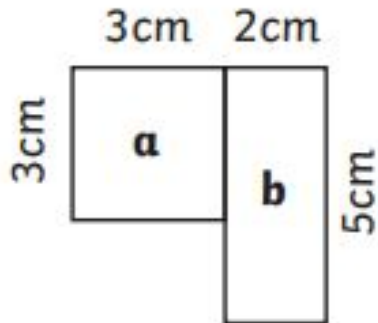
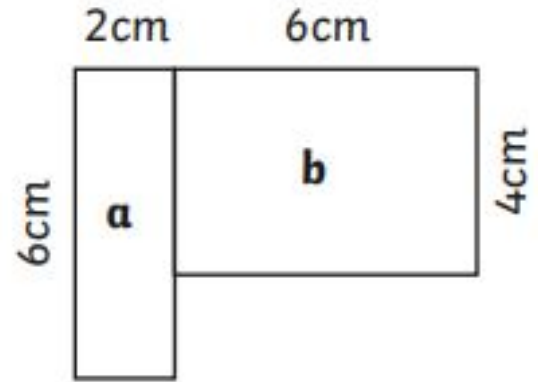
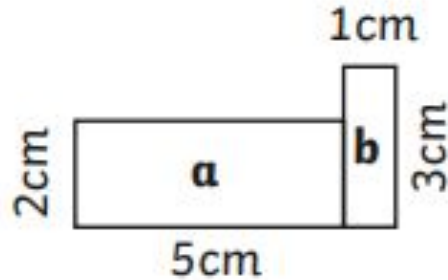
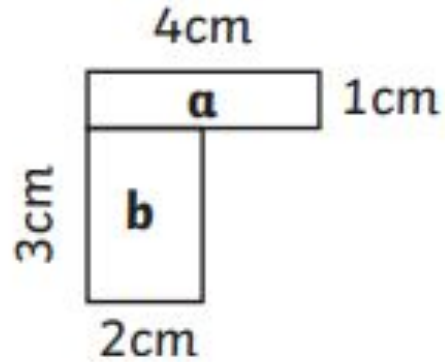
E.g. Area A is  $2\text{cm} \times 2\text{cm} = 4\text{ cm}^2$     Area B is  $2\text{cm} \times 5\text{cm} = 10\text{ cm}^2$

$$4\text{ cm}^2 + 10\text{ cm}^2 = 14\text{ cm}^2$$

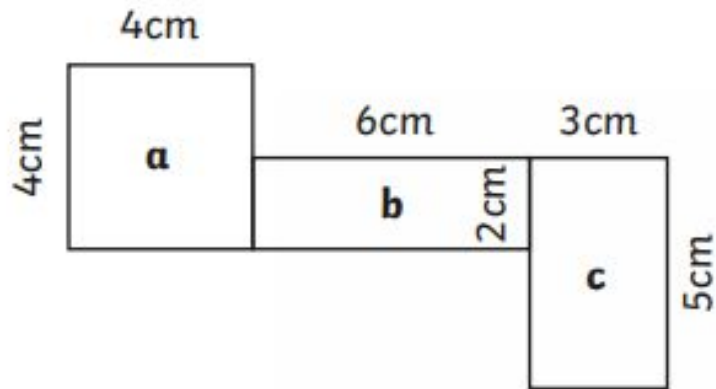
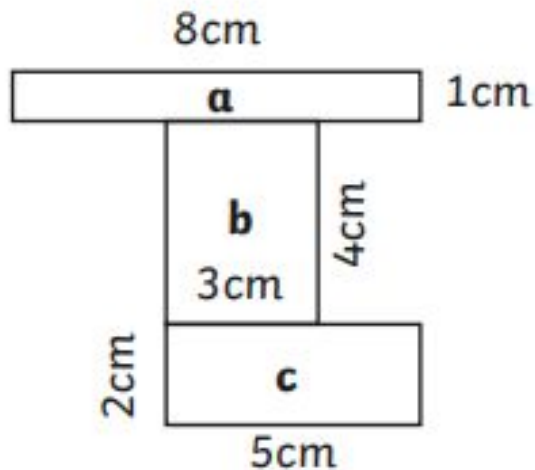
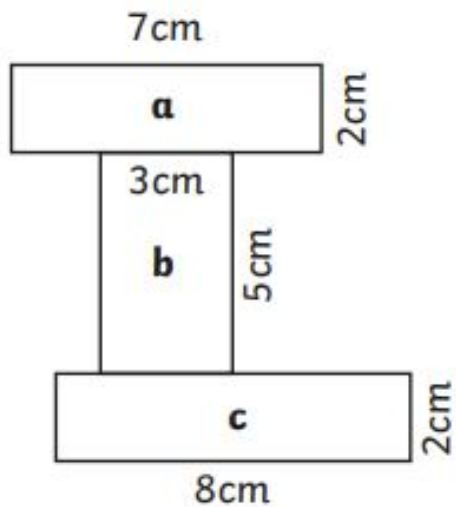
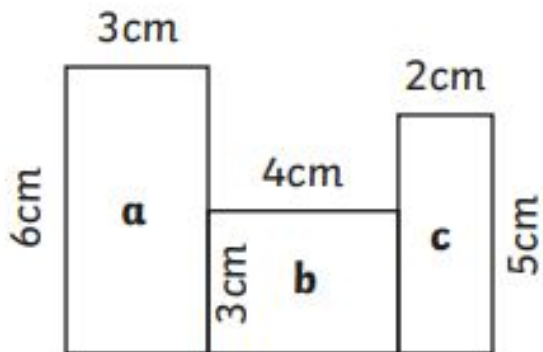


Show your working out and write the answers in your work books. Choose the slide to suit your ability.

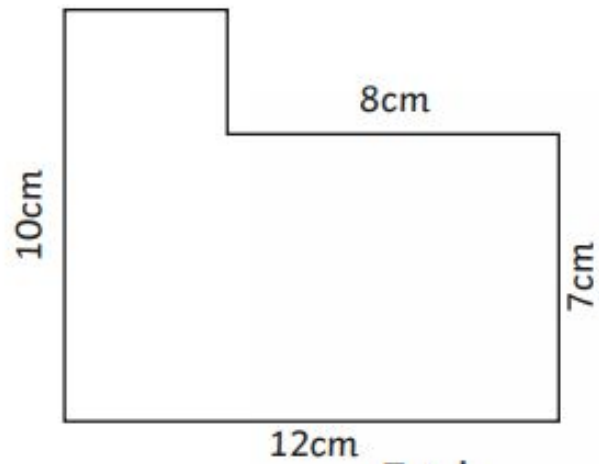
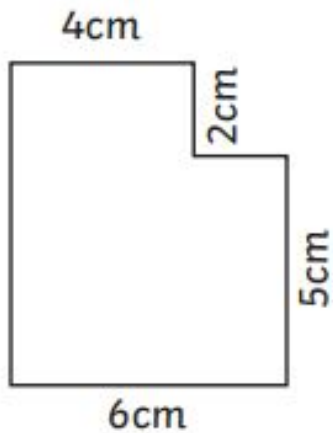
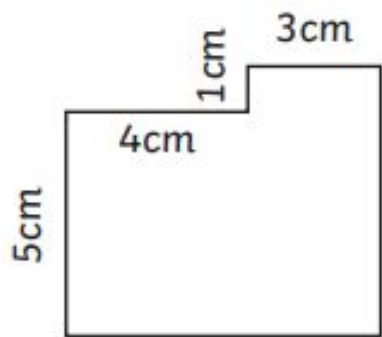
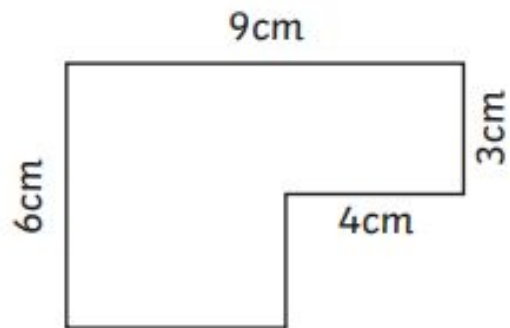
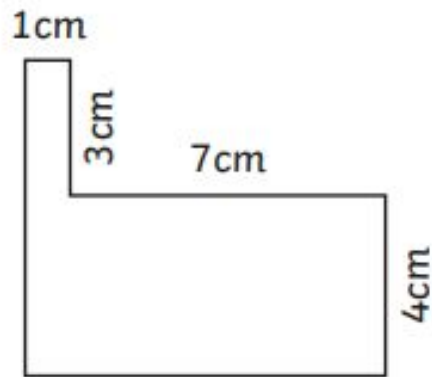
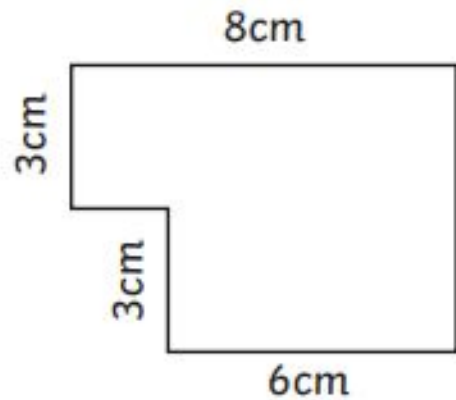
Easy:



Middle:



# Challenging:



# Self Reflection

Write a self-reflection about your favourite maths activity you have completed this week. Use these questions as a guide:

1. What did you enjoy?
2. Why?
3. What did you find difficult?
4. Why?



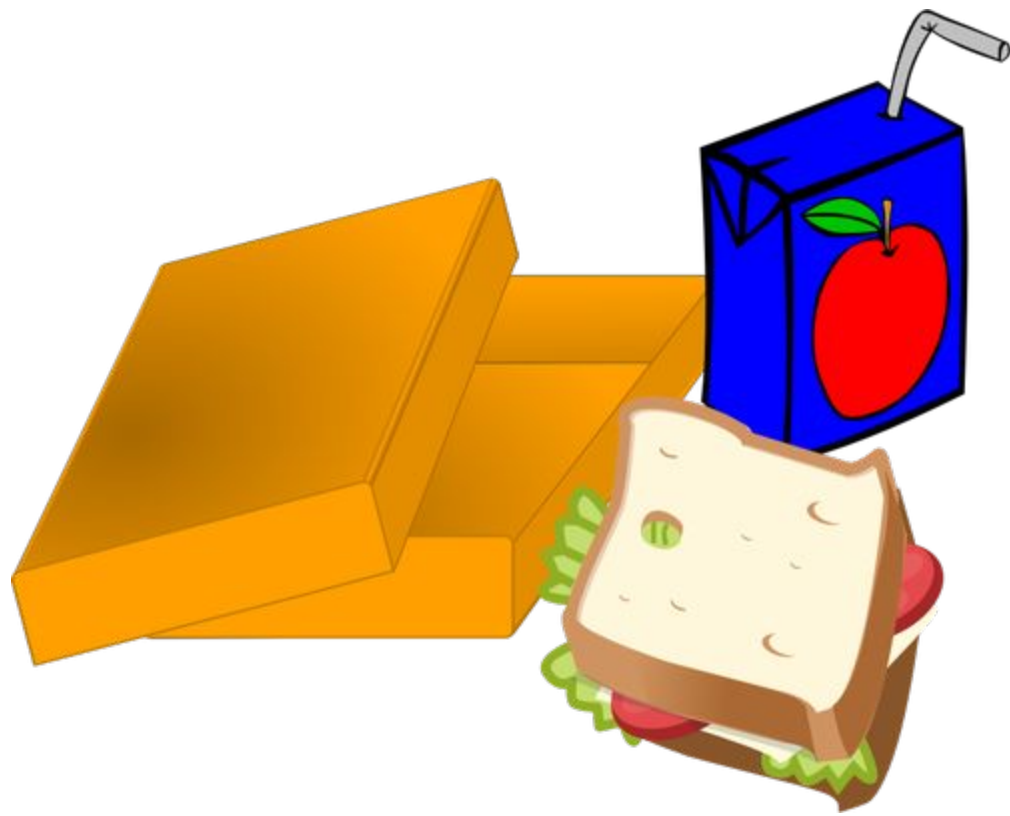
# FITNESS TIME!

Just Dance:

<https://www.youtube.com/watch?v=I1gMUbEAUFw>



LUNCH



# LEARNING JOURNAL

Now that you have completed your lessons for the week.

Please click into your Learning Journal and submit it through Google Classroom or Class Dojo.



Remember to complete and hand in your learning journal each week, because it is used to mark attendance.

