Monday, Week 9.

Stage 3, 2021

°Tregear Public School

Daily Remote Learning Lessons and Activities.

Morning Check In

Please complete your morning check in on Google Classroom!

How are you feeling today?
(Colour in the face that represents your mood)

Attitude of gratitude

Write an acrostic poem for rainbow about gratitude:

R
A
I
N
B
O
W

Spelling: We are focusing on the

sound.

Brainstorm all the words you know that have the “oo” sound:
The “oo” sound can look like this

oo	u
boot	glute

Spelling: We are focusing on the "oo" sound

Words	Re-type your Words	Type your words in a different font
soot sugar woollen woolly wolf couldn't would've shouldn't crooked fully bully pulley bullet bullock fullness womanly pudding butcher driftwood barefoot bulldozer understood knighthood cushion kookaburra		

Reading

The Dangers of Smoking

Millions of people in Australia are smokers. However, there are lots of benefits to giving up smoking as cigarettes are not only a danger to health but are also very expensive.

The Cost of Cigarettes

A person that smokes 20 cigarettes each day will spend nearly $200 every week on cigarettes. During a year, that adds up to more than $10,566! Imagine all the other ways this much money could be spent - holidays, treats or days out... what a waste! Smoking is also expensive on a larger scale as it costs the country a lot of money. Approximately 83% of the cost of a pack of cigarettes goes to the Australian government to help to pay for the medical care of treating health problems relating to smoking but even this huge amount is not enough to cover the total bill.

Smoking and Health

Smoking is also extremely harmful to health. The chemicals in cigarettes can cause all types of health problems, ranging from coughs to much more serious illnesses, such as cancer and emphysema (a condition that affects the lungs and causes extreme difficulties in breathing).

Reading

Did You Know?

These are just some of the chemicals in cigarettes:

- nicotine
- tar
- carbon monoxide
- formaldehyde (used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (used in rat poison)
- ammonia (used for cleaning windows and toilet bowls)
- DDT (a banned insecticide)
- polonium (a radioactive element)

The nicotine in cigarette smoke is an addictive substance, which is one of the reasons why so many people find it difficult to stop smoking once they have started. Nicotine affects the brain and causes brain cells to send messages to other areas of the body to make a person more relaxed. When this feeling wears off, the smoker feels the need to smoke another cigarette; this is called a 'craving'.

Reading

The Other Effects of Cigarettes

The tar in cigarettes can stain teeth and fingers yellow. The carbon monoxide in them decreases the amount of oxygen in the blood, which makes the heart work harder than normal. The longer a person smokes for, the more chance they have of contracting cancer. Many people associate only lung cancer with cigarette smoke, however, it can cause cancer in many areas of the body.

Stopping Smoking

Even though stopping smoking is difficult, there are lots of places to get support, particularly through advice from the local GP. People often use nicotine patches so that they can slowly get used to there being less nicotine in their system. These patches gradually allow less and less nicotine into a smoker's body, which makes it easier to stop. Within 1 – 9 months of stopping smoking, the lung capacity begins to increase, meaning it is easier for an ex-smoker to breathe.

Reading

Statistics

- 1 in 7 adults in Australia are smokers: 14.5% of adults, including 15% of men and 11 % of women.
- This means there are around 2.6 million adult smokers in the country.
- Smoking rates have more than halved since 1974 to almost a third in Australia, when 45% of men and 30% of women smoked.

Reading Comprehension

1. How much does smoking cost an individual and Australia?

   Answer:

2. What percentage of adults in Australia are non-smokers? How do you know this?

   Answer:

3. Why do people find it difficult to give up smoking?

   Answer:

4. How is the brain affected by cigarette smoke?

   Answer:

Reading Comprehension

5. Why do you think smoking in Australia has halved since 1974?

Answer:

6. How might someone stop smoking?

Answer:

7. Which of the dangerous chemicals in cigarettes do you think is the most dangerous? Explain your reasons.

Answer:

8. Why does the heart have to work harder when someone is smoking?

Answer:

Writing: Informative Writing

Students are going to create a research task based on one of the following places:

- *Sydney opera house*
- *Taronga Zoo*
- *Sydney Harbour Bridge*
- *Uluru*
- *Luna Park*
- *Great barrier Reef*

The informative place i chose is:

Learning intention:
Create an informative slideshow based on research of a topic!

Success Criteria:
Students to use each subheading to find information about a chosen place!

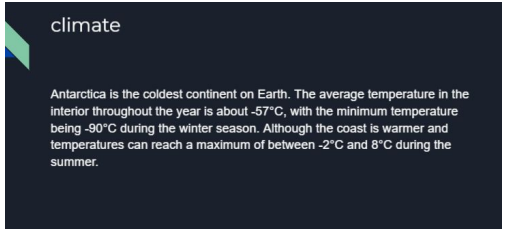
Activity

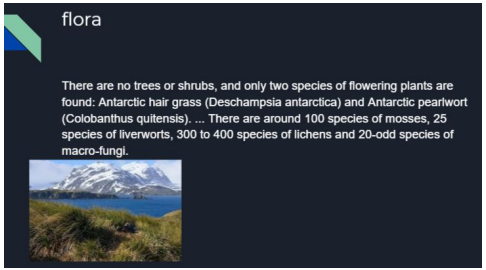
You will need to research:

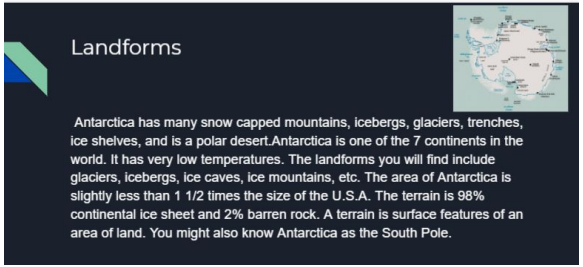
Slide 1: What is your place?
Slide 2: Why is it used?
Slide 3: Where your place is (give pictures)?
Slide 4: Why/How was it built?
Slide 5: What makes your place significant?
Slide 6: What are the historical features of your place?
Slide 7: 10 amazing facts about your place?

You must include pictures on every slide!!

Possible examples slides:







Aim to make yours even more interesting and informative!

Slide 1: Classification - What is it?

Researched Information:

Slide 2: Description - Why is it used?

Researched Information:

Slide 3: Climate - Where your place is (give pictures)?

Researched Information:

Slide 4: Why/How was it built?

Researched Information:

Slide 5: What makes your place significant?

Researched Information:

Slide 6: What are the historical features of your place?

Researched Information:

Slide 7: 10 amazing facts about your place?

Researched Information:

Diary:

Who can help you feel a relief?

What is your happiest moment of life?

What would be the title of your life now? ...

If you could add, change or cancel the rule at home what would it be?.

1st Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

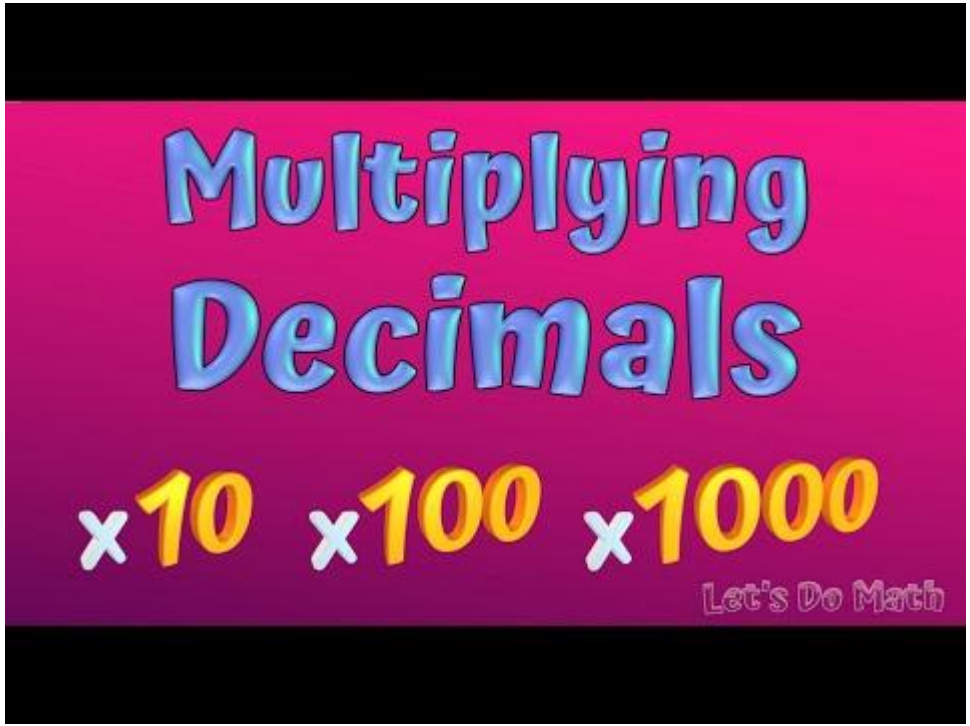
Fitness!

-1000	Cut in Half	NUMBER OF THE DAY ***64 248***	Make the Smallest Number
+1000	Double It	Addition Problem	Make the Largest Number
-50000	Expanded Form	Subtraction Problem	Write It Out
+50000	Round to Nearest 5		
-10500	Round to Nearest 10		
+105000	Odd or Even		

Extension: Word problem

Create one of your own number questions using this number: 64 248.

MATH FOCUS: Multiplying Decimals examples



Learning Intention:
Students will learn to multiply decimals by 10s, 100s and 1000s.

Success criteria:
Students will be able to use strategies to multiply a decimal by 10, 100 or 1000.

Multiplying with Decimals

Move decimal to right

Number of zeros = Number of place you move

Examples:

* 87.6 x 100 = 8,760.0

Answer: 8,760.0 or 8,760

* 0.005 x 1,000 = 5.0

Answer: 5.0 or 5

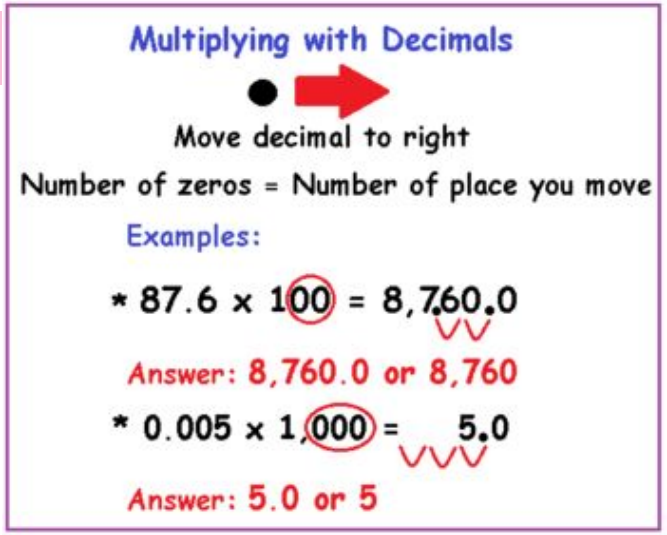
MATH FOCUS: Using place value charts

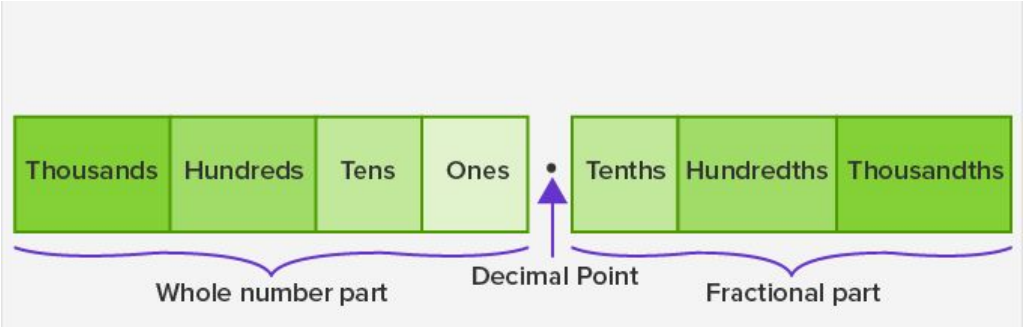
You can use **place value charts** to help multiply by 10, 100 and 1000. This helps you to see how the digits increase in value.

A trick to help you remember how many places the digits need to move is by looking at the zeros in 10, 100 and 1000.

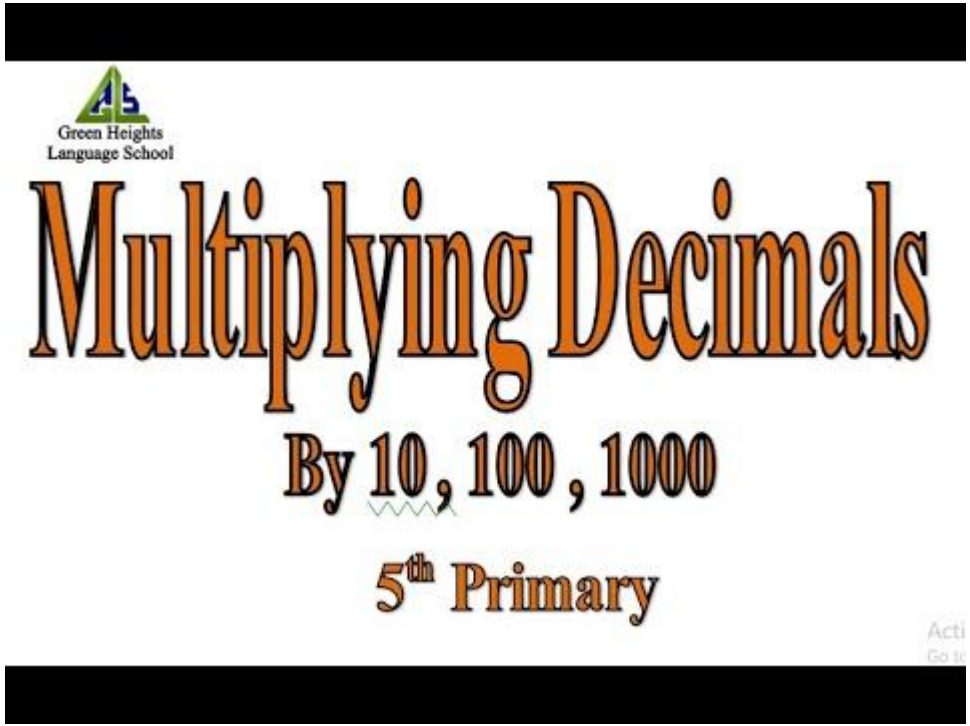
For example, there are 3 zeros in 1000, so you need to move the digits 3 places to the left to multiply by 1000.

- **x10** - **1 zero** move **1 place**
- **x100** - **2 zeros** move **2 places**
- **x1000** - **3 zeros** move **3 places**





MATH FOCUS: Multiplying Decimals examples



Multiplying Decimals by 100

Move the decimal point two places to the right

3.14×100

$= 3.14.0$

$= 314.0$

MATH FOCUS: Multiplying Decimals

Aim: Multiply and Divide decimal numbers by 10, 100 and 1000

Multiply the following numbers by 10, 100 and 1000 to complete the table.

	x 10	x 100
5.7		
23.02		
0.92		
0.306		
24.67		

Multiplying Decimals by 100

Move the decimal point two places to the right

3.14×100

$= 3.140$

$= 314.0$

Hint: If you are x by 10 only move to the right ONCE!

MATH FOCUS: Multiplying Decimals

Aim: Multiply and Divide decimal numbers by 10, 100 and 1000

Multiply the following numbers by 10, 100 and 1000 to complete the table.

	x 10	x 100
4.02		
0.045		
34.094		
209.817		
0.006		

Multiplying Decimals by 100

Move the decimal point two places to the right

3.14×100

$= 3.140$

$= 314.0$

Hint: If you are x by 10 only move to the right ONCE!

Multiplying Whole Numbers and Decimals by 1000

Remember to move 3 decimal places to the RIGHT!

Whole Numbers

1. 2 x 1000 = _____
2. 5 x 1000 = _____
3. 8 x 1000 = _____
4. 12 x 1000 = _____
5. 18 x 1000 = _____

Decimals

1. 0.4 x 1000 = _____
2. 0.7 x 1000 = _____
3. 0.9 x 1000 = _____
4. 0.05 x 1000 = _____
5. 0.01 x 1000 = _____

MATH FOCUS: Multiplying Decimals Challenge activity!

6. 25 x 1000 = _____

7. 43 x 1000 = _____

8. 50 x 1000 = _____

9. 64 x 1000 = _____

10. 72 x 1000 = _____

11. 87 x 1000 = _____

12. 91 x 1000 = _____

13. 100 x 1000 = _____

6. 0.06 x 1000 = _____

7. 1.8 x 1000 = _____

8. 2.3 x 1000 = _____

9. 7.9 x 1000 = _____

10. 56.1 x 1000 = _____

11. 48.9 x 1000 = _____

12. 8.46 x 1000 = _____

13. 3.52 x 1000 = _____

2nd Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

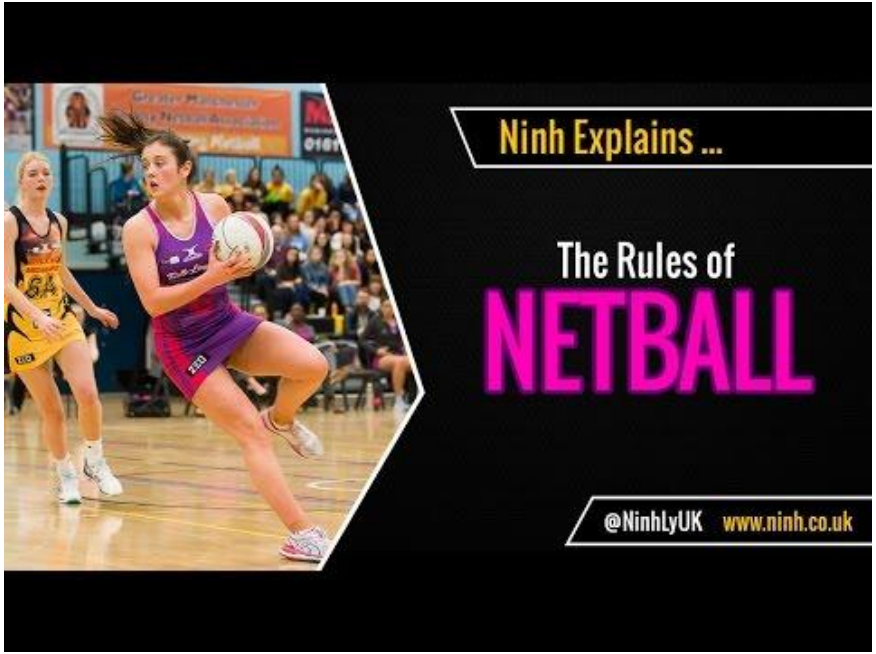
Physical Education:

Time yourself and tell me how long it takes to complete!

Workout	30 Squats	60 seated air punches + 20 star jumps	20 Crunches	10 inch worms
1st attempt				
2nd attempt				

PE: Understanding Netball!

At school this week we would have been learning about the game of netball, watch this video to learn more about Netball.

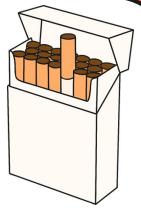


Netball is a ball sport played by **two teams of seven players**. Games are played on a rectangular court with raised goal rings at each end. The object is to score goals from within a defined area, by throwing a ball into a ring attached to a 3.05 metres (10 feet) high post.

Question:

1. Name as rules as you can remember:
   -
   -
   -
   -
   -

PDH - HOW SMOKING AFFECTS HEALTH



We are learning about:

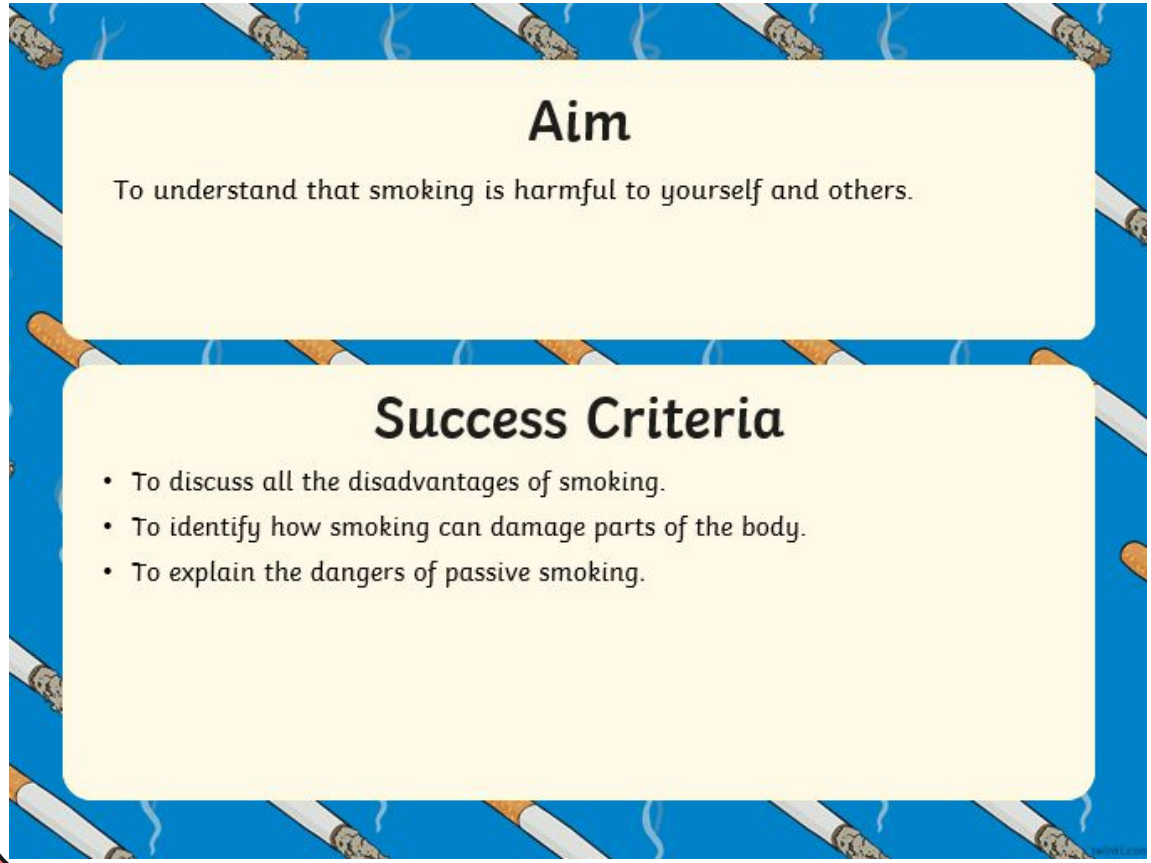
Definition, legal and illegal

- Effects of tobacco on health
- Media influence
- Effects of smoking on the community
- Labelling of smokes

Key Inquiry Questions

- What actions positively influence the health, safety and wellbeing of my community?
- How does a healthy, safe and active lifestyle enhance connection with others?

Watch this video on smoking in america to begin to understand all about smoking:



Smoking – The Facts

Smoking is very unhealthy. Cigarettes contain something called nicotine, which is extremely addictive, and that is why people find it very hard to stop once they have started.

Why Is Smoking Dangerous?

Can you think of any reasons why smoking is a dangerous habit?

Cigarette smoke contains lots of harmful chemicals. They react in the opposite way as medicine does in our bodies.

Over time, these poisons can cause damage to the body and cause illnesses.

PDH - HOW SMOKING AFFECTS HEALTH

Why is smoking bad for you?

Smoking is not a very healthy habit because of the chemicals like **nicotine** and tar it contains. Nicotine is very addictive which means that once you start it is very hard to stop. Nicotine and tar can be very bad for your heart, mouth, throat, lungs and stomach!

If a person smokes the nicotine from smoking causes their teeth to turn yellow.

PDH

Smoking is illegal for children.

It is illegal for people under 18 to smoke. You should not be around people who smoke as it can affect your health. Other types of smoking, like pipes, Hubbly Bubblies and Vapes, are also very bad for your health and can damage your mouth, throat and lungs.

Lesson Review

1. In what ways is smoking dangerous for a smoker and for those around them?

2. What harmful substances do cigarettes contain?

3. How can smoking damage your body?

4. Why is smoking illegal for children?

5. What parts of the body can be affected by cigarettes?

Tuesday, Week 9.

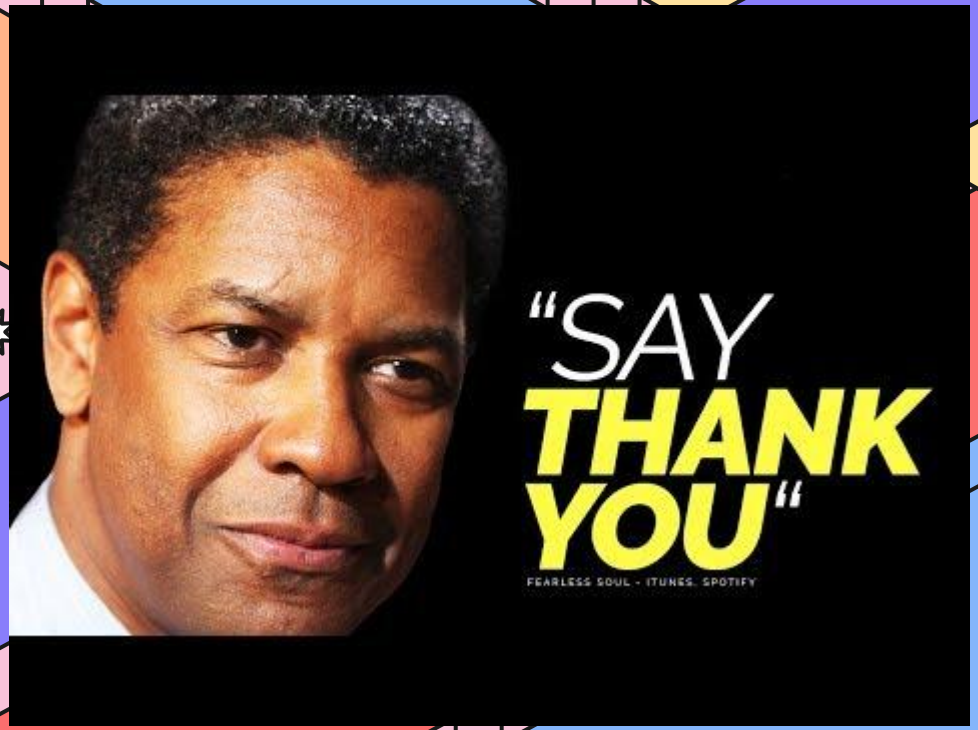
Stage 3, 2021
Tregear Public School
Daily Remote Learning Lessons and Activities.

Morning Check In

Please complete your morning check in on Google Classroom!

How are you feeling today?
(Colour in the face that represents your mood)

Attitude of gratitude



What did this video make you think about? What stood out to you?

Miss Roberson's answer: This video made me think about being thankful for the present and the things that haven't happened yet. It also made me think about other things I can be thankful for that aren't physical objects like my spirit, kindness, mental strength and courage.

Your turn:

Spelling:

soot
sugar
woollen
woolly
wolf
couldn't
would've
shouldn't
crooked
fully
bully
pulley
bullet
bullock
fullness
womanly
pudding
butcher
driftwood
barefoot
bulldozer
understood
knighthood
cushion
kookaburra

Word Work Grid

Complete each of the activities in this grid. Write the date you completed each activity on the line provided.

Syllable Sort Write your spelling words in order from least amount of syllables to the most. Words with the same number of syllables should be in alphabetical order. Date: _____	**Odd One Out** For each of your spelling words, write four words. One is your spelling word, two relate to your spelling word and one is the odd word out that doesn't fit with the other two. Date: _____	**Wacky Words** On a sheet of paper, write your spelling words in different directions, filling up the whole sheet. Use different colours and types of writing for each word. Date: _____	**Word Detective** Write three clues about four of your spelling words. Ask someone to try to guess your spelling words using your clues. Date: _____	**Digging in the Dictionary** Use a dictionary to find the definition and write a sentence for each of your spelling words. Date: _____
Rhyming Wheels Think of as many words as you can that rhyme with your spelling words. Date: _____	**Alliteration** Write a sentence for each of your spelling words using as much alliteration as possible. Date: _____	**Sentence Smart** Write a sentence for each of your spelling words. Date: _____	**Story Time** Write a story using as many of your spelling words as you can. Underline each of your spelling words. Date: _____	**Sort Them Out** Sort the words on your spelling list into three different categories of your choice. Date: _____
Word Search Create your own word search using all the words on your spelling list. Date: _____	**Handwriting Hero** Write out your spelling words in your very best cursive handwriting. Date: _____	**Letter Lingo** Write a letter to a friend. Use as many spelling words in your letter as you can. Date: _____	**Words Within Words** Make a list of as many smaller words you can find in the words on your spelling list. Date: _____	**Paint the words** Go outside with a paint brush or old dish cloth and a cup of water and choose 10 words to paint on the concrete. Upload a photo to the GC

Choose 3 spelling activities to complete with your spelling words and complete them on the next slide.

Drag the mini Miss Roberson onto the activities you completed.

Spelling

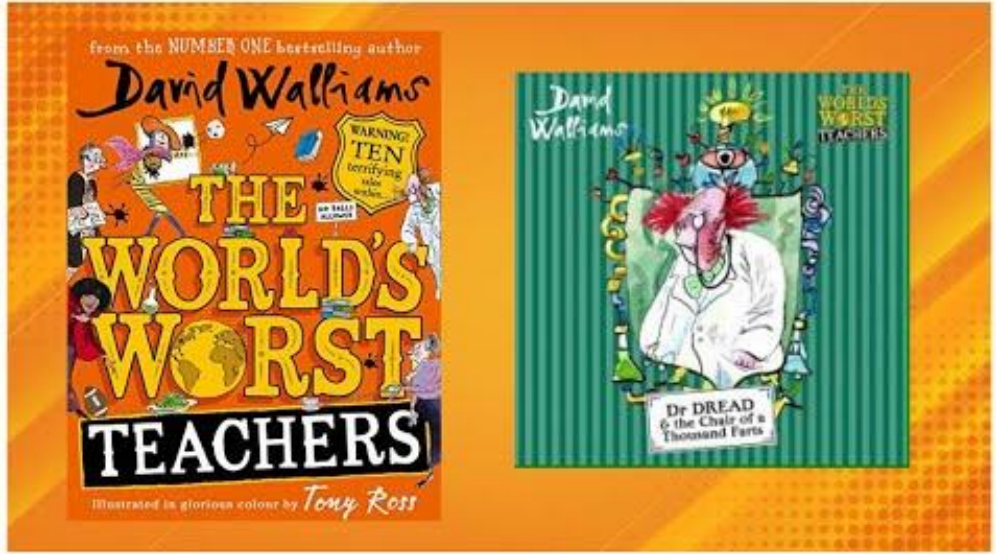
Complete your three spelling tasks here:

1.

2.

3.

Reading



Today's reading task is to ENJOY reading! Get comfy and listen to the story inthe video.

This story is one of the short stories from David Walliams book "the world's worst TEACHERS"

This is a spooky (fictional) story about a teacher called Dr. Dread and his chair of a thousand farts!!

Answer the questions on the next slide.

Reading

After listening to the story;

Who was your favourite character and why?

Why was Dr Dread so horrible?

What is your favourite memory with a teacher that IS NOT horrible like Dr. Dread?

Good readers make connections. What about your own life does this story remind you of?

Writing: Informative Writing

Students are going to create a research task based on:

Antarctica

Please write in full sentences to make paragraphs.
No dot points.

Learning intention:
Create an informative slideshow based on research of a topic!

Success Criteria:
Students to use each subheading to find information about a chosen place!

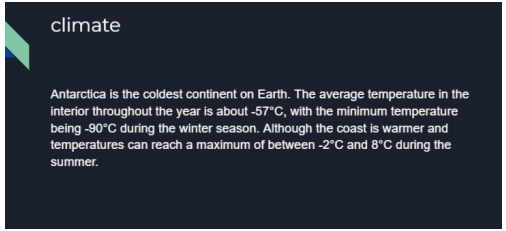
Activity

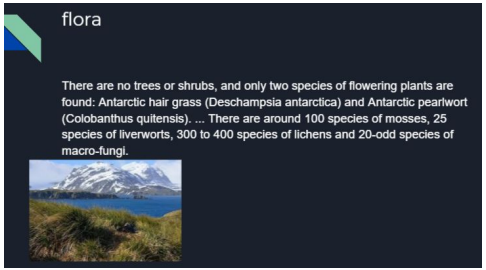
You will need to research:

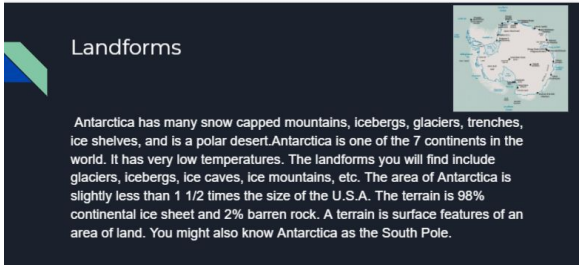
Slide 1: Title Page: Poster about Antarctica
Slide 2: Where is your place (pictures and Maps)
Slide 3: Climate
Slide 4: Arctic Animals! What Animals can be found in Antarctica. What helps them survive the climate?
Slide 5: Landmarks - Research the Wonders of Antarctica
Slide 7: 10 amazing facts about your place?

You must include pictures on every slide!!

Possible examples slides:







Aim to make yours even more interesting and informative!

Title Page

Location:

Researched Information:

Climate

Researched Information:

Arctic Animals

Researched Information:

Arctic Landmarks

Researched Information:

Hint: Research **MOUNT EREBUS, BLOOD FALLS, CAPE RENARD Or look on this link**
https://www.wondermondo.com/wonders-of-antarctica-2/

Interesting Facts

Researched Information:

Diary:

Today, use your diary to express anything you like!
Write a letter to your teacher!

1st Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

-1000

+1000

-50000

+50000

-10500

+105000

Cut in Half

Double It

Expanded Form

Round to Nearest 5

Round to Nearest 10

Odd or Even

NUMBER OF THE DAY

6357

Addition Problem

Subtraction Problem

Make the Smallest Number

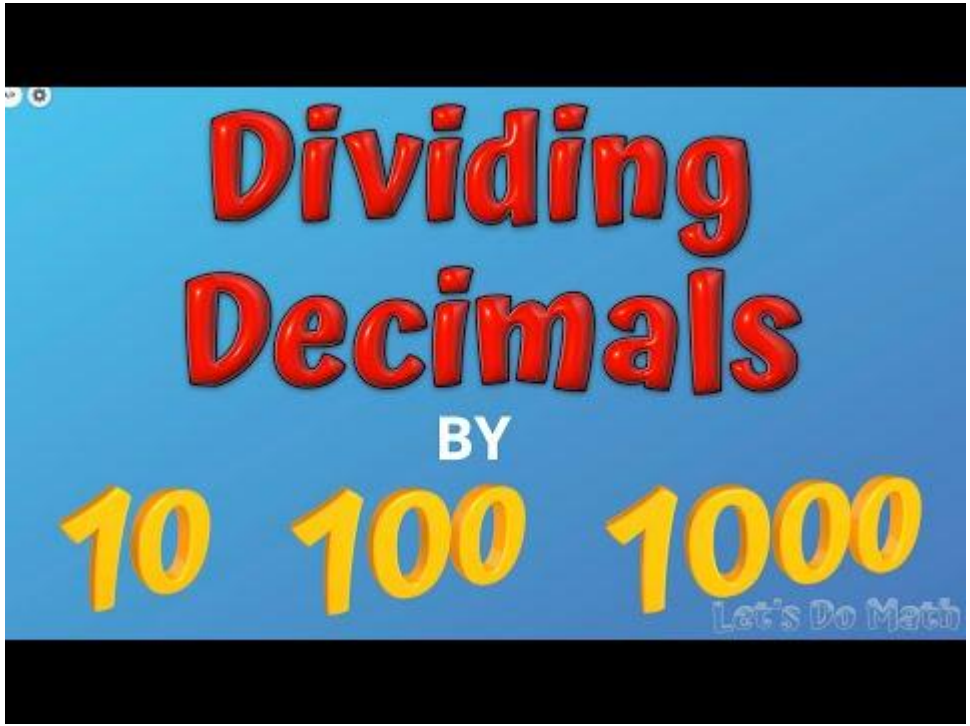
Make the Largest Number

Write It Out

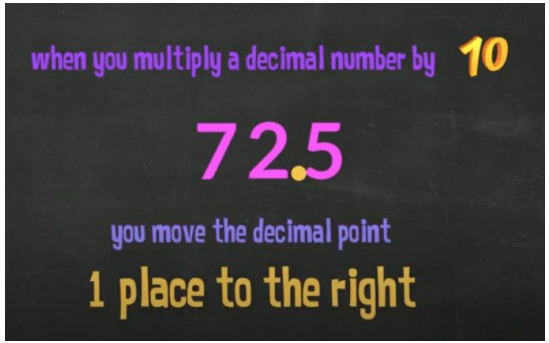
Extension: Word problem

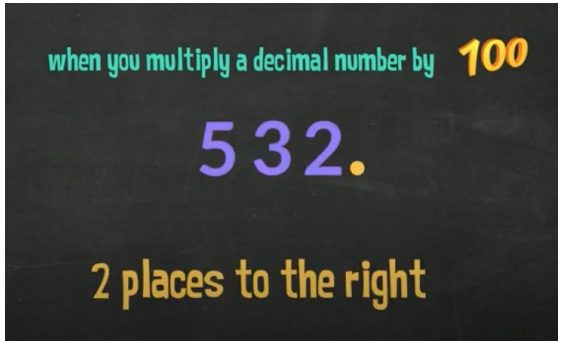
6357 pieces of plastic are washed up upon the sand at a beach. If we pick up 245 pieces of rubbish every day for one week how much plastic would be left on the sand?

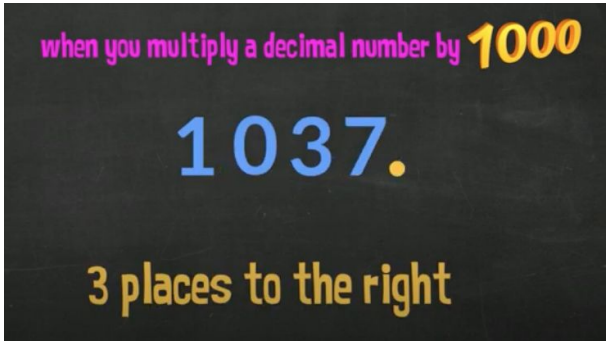
MATH FOCUS: Dividing decimals



Hints!


when you multiply a decimal number by 10
72.5
you move the decimal point
1 place to the right


when you multiply a decimal number by 100
532.
2 places to the right


when you multiply a decimal number by 1000
1037.
3 places to the right

MATH FOCUS: Dividing Decimals

Hint: If you divide **by 10** only move to the right ONCE!

Divide the following numbers by 10, 100 and 1000 to complete the table.

	÷ 10	÷ 100	÷ 1000
43			
219			
703			
64.8			
2560			

MATH FOCUS: Dividing Decimals: CHALLENGE

25 ÷ 10 =	410 ÷ 100 =	1800 ÷ 1000=	55 ÷ 10 =	201 ÷ 100 =	8100 ÷ 1000 =
65 ÷ 10 =	617 ÷ 100 =	4300 ÷ 1000 =	71 ÷ 10 =	803 ÷ 100 =	1010 ÷ 1000 =

MATH FOCUS: Working with words!

Carla had 16 friends over for dinner. They were seated with equal numbers at 2 tables. How many guests sat at each table?

Fitness

2nd Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

KLA: Japanese Origami

With some scrap paper, try your luck at creating origami. Origami is the Japanese craft of folding paper. Look through the videos, choose one (or more) to create and post a photo!

KLA: Japanese Origami

Wednesday, Week 9.

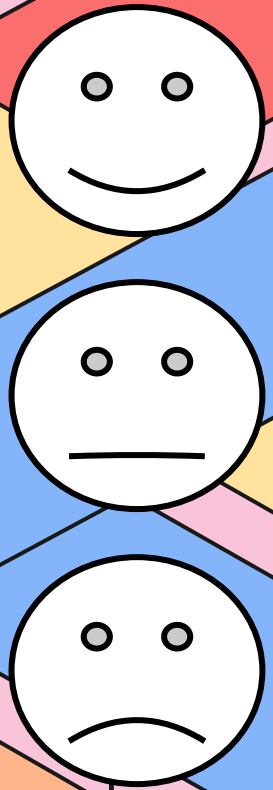
Stage 3, 2021
Tregear Public School
Daily Remote Learning Lessons and Activities.

Morning Check In

Please complete your morning check in on Google Classroom!

How are you feeling today?

(Colour in the face that represents your mood)



Insert 3 images or draw 3 things that you make grateful, each and every day!

Attitude of gratitude

Spelling:

Make word chains for **wh-** and **-er** words.
In the last box, find two other words that have a contraction (Like shouldn't and couldn't) and write down the meaning of them

- Soot
- Sugar
- Woollen
- Woolly
- Wolf
- Couldn't
- Would've
- Shouldn't
- Crooked
- Fully
- Bully
- Pulley
- Bullet
- Bullock
- Fullness
- Womanly
- Pudding
- Butcher
- Driftwood
- Barefoot
- Bulldozer
- Understood
- Knighthood
- Cushion
- kookaburra

Bull-

- Bullet
-

-lly

- Fully
-

Contractions

Shouldn't: (Should not) means to do not

Reading

Planet Earth

We all live on Earth...why? Well, Earth is the only planet in our solar system that has all the things we need to survive: 21% oxygen in the air to breathe, water to drink and all at just the right temperature warmed by the Sun. Its name comes from the Old English word 'ertha' and the Anglo-Saxon word 'erda' which means ground or soil.

The Blue Planet

Earth, the third planet from the Sun after Mercury and Venus, is referred to as 'The Blue Planet' because of how it looks from space. This is due to the fact that over $\frac{2}{3}$ of the Earth's surface is covered in water.

Did you know?

- Age: approximately 4.54 billion years
- Diameter: 13,000 km
- Distance to Sun: 150,000,000 km
- Surface Temperature: 15°C
- Highest point: Mount Everest 8.8 km
- Lowest point: Challenger Deep 10.9 km below sea level

Reading

I'm Spinning Around

The Earth spins on its axis once every 24 hours – that's what gives us day and night as we spin to face the Sun and then away from it again. You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years. Eventually this will lengthen our days but it will take around 140 million years before our day will have increased from 24 to 25 hours. I wonder if children 140 million years from now will have an extra hour at school.

Whilst it is spinning, the Earth is also orbiting The Sun, which takes 365 $\frac{1}{4}$ days to do one full circuit. This gives us the length of our years. Our seasons are also dependent on the orbit of the Earth as our planet is tilted at an angle. This means that around one side of the Sun we are tilted towards it – giving us warmer temperatures and longer days...our summer. However, around the other side of the Sun we are tilted away from it giving us less light and cooler temperatures – this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

Reading

1. Why is the Earth also called ‘The Blue Planet’?

2. What 3 things make it possible for us to survive on Earth?

Reading

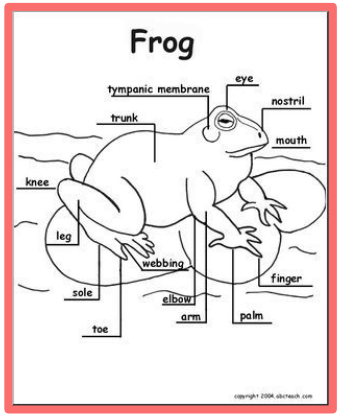
3. Why do we experience Summer around one side of the Sun?

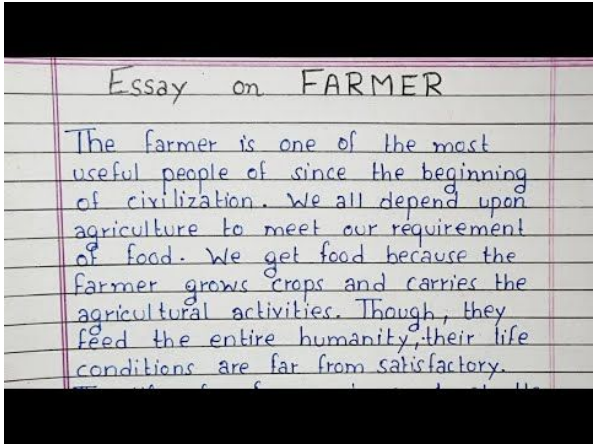
4. What percentage of Oxygen is in the air we breathe?

Writing

There are different types of informative texts, like posters, infographics, essay and scientific diagrams.

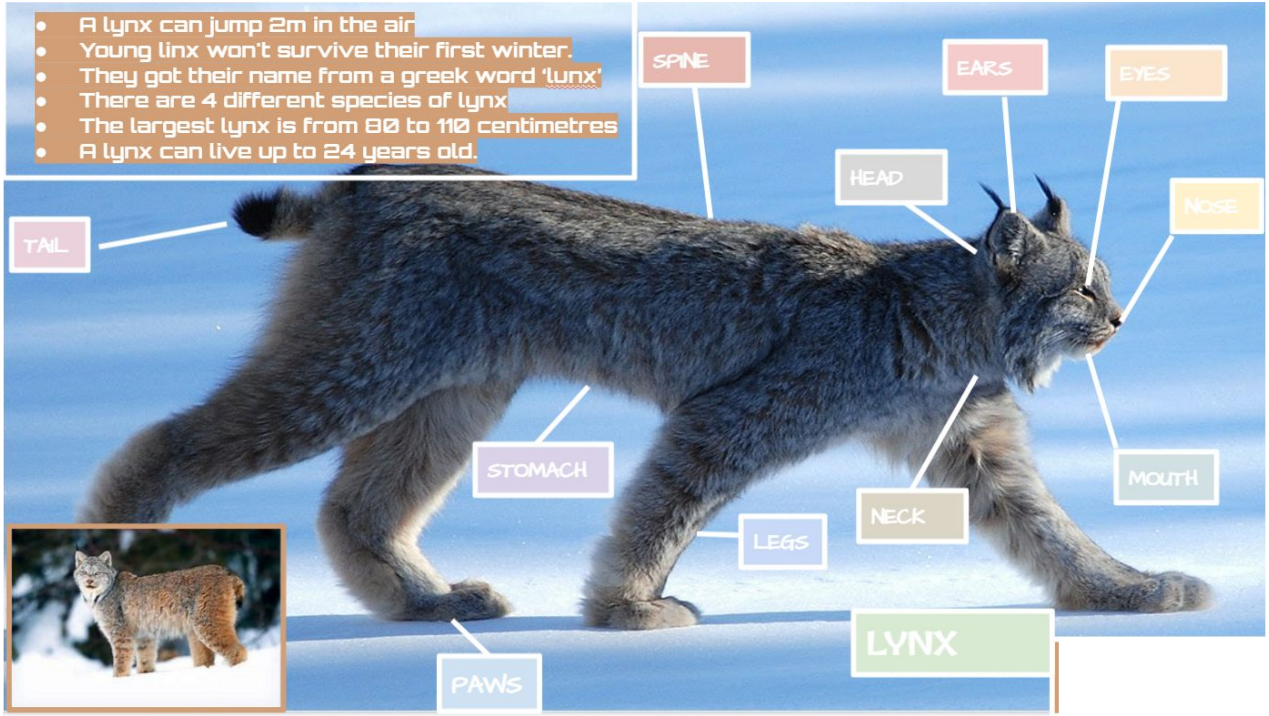
You can see examples of informative right here and on the next slide.




Essay on FARMER

The farmer is one of the most useful people of since the beginning of civilization. We all depend upon agriculture to meet our requirement of food. We get food because the farmer grows crops and carries the agricultural activities. Though, they feed the entire humanity, their life conditions are far from satisfactory.

Writing



Your task is to create a poster on an animal, planet, landmark, or influential person on the next slide. You can also make on paper and upload it. Make sure it stands out and contain information.

Diary: If there was anyone in the world you had the chance to meet, who would it be and why?

1st Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

-100	Cut in Half	**NUMBER OF THE DAY** ***242***	Make the Smallest Number
+100	Double It	Addition Problem	Make the Largest Number
-500	Expanded Form	Subtraction Problem	Write It Out
+500	Round to Nearest 5		
-1000	Round to Nearest 10		
+1000	Odd or Even		

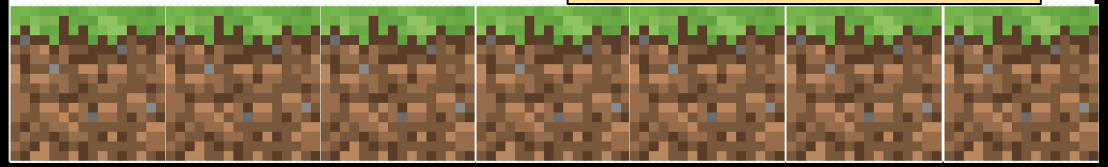
Extension: Word problem

I began with 242 pieces of Lego. I doubled it. I doubled that number and then doubled that number. How many pieces of Lego did I end up with?

Create your own question in the box to the right

Maths Warm Up

The answer is $4.55. What is the question?



#VIRTUALMATHS

Explicit Teaching: Multiplying and Dividing Decimals with Algorithms

Hey everyone, we have gone through methods on how to multiply and divide now with Decimals, let's work learn Algorithms together.

MULTIPLICATION
Let's use 4.23 x 8 as an example.
You will need to multiply the numbers like normal without the decimal point.

So:

```
  1 2
  423
   X8
 -----
 3384
```

Remember to carry

Next, you will need to add in the decimal point to the answer. This is the only tricky part. You need to add up the decimal places there are in the numbers you multiplied.

So, there are two decimal places, so we add in between 5 and 7, becoming 25.72

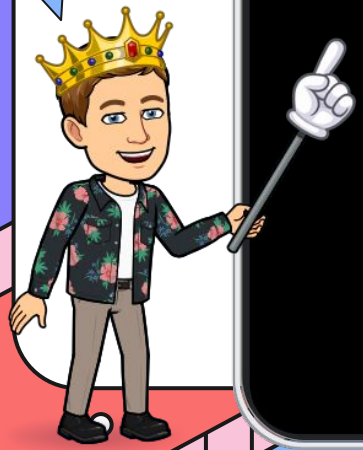
DIVISION
Let's use 6.5 ÷ 2 as an example.
You start with dividing the tens. Any leftovers go to the ones to becomes tens.

So:

```
  32 1/2
2 )65
```

#VIRTUALMATHS

Complete at least two different problems. Use the working out space provided



Multiplying and Dividing Decimals with Algorithms Activities

6.45 x 3

10.20 x 5

20.22 x 4

#VIRTUALMATHS

Complete at least two different problems. Use the working out space provided

Multiplying and Dividing Decimals with Algorithms Activities

5.23 ÷ 3

20.21 ÷ 4

15.32 ÷ 2

#VIRTUALMATHS

2nd Break Time

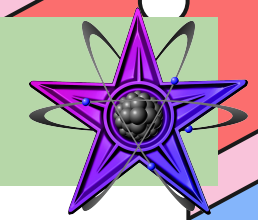
Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

Science & Technology



Changes

We can change with melting, freezing, boiling and condensation. These are all reversible changes. But, mixing, burning, frying, rusting and baking are all changes too These are irreversible changes.

Reversible Changes

A reversible change is a change of state that **can** be undone or reverse.

One example is ice to water and water to ice. It is reversible

Irreversible changes

A irreversible change is a change of state that **cannot** be undone or reverse.

One example is baking a cake or mixing cement. You cannot turn it back. It is irreversible.

Science & Technology

Now, you are going to find and read a great recipe (You might want to even make with your fam). After, write all the changes that you can find in the recipe in explain why you think they are happening. I will give you an example down below and you complete it on the next slide!

Rocky Road

Observe + Explain

In this recipe, I can see that are two types of changes, freezing and melting. The chocolate is melted, becoming a liquid before it is covered all over the lollies, which is caused by the heat produced by the heat energy from the Microwave. The chocolate starts to cool and its heat is removed quickly as it goes into the freezer, where it becomes a solid.

Science & Technology

You try now!

Insert title of recipe here

Insert picture of recipe here

Observe + Explain

Thursday, Week 9.

Stage 3, 2021
Tregear Public School
Daily Remote Learning Lessons and Activities.

Morning Check In

Please complete your morning check in on Google Classroom!

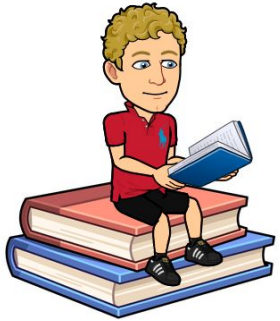
How are you feeling today?
(Colour in the face that represents your mood)

Spelling

Choose 5 (or more) list words and create your own find-a-word below

soot
sugar
woollen
woolly
wolf
couldn't
would've
shouldn't
crooked
fully
bully
pulley
bullet
bullock
fullness
womanly
pudding
butcher
driftwood
barefoot
bulldozer
understood
knighthood
cushion
kookaburra

Words used:



W	R	I	T	E		W	O	R	D	S	
			H	E	R	E	!				
				IIII	IIII	IIII					
				O		O					
			(		"		)				
					U						

Spelling:

Use your line tool to solve the findaword→

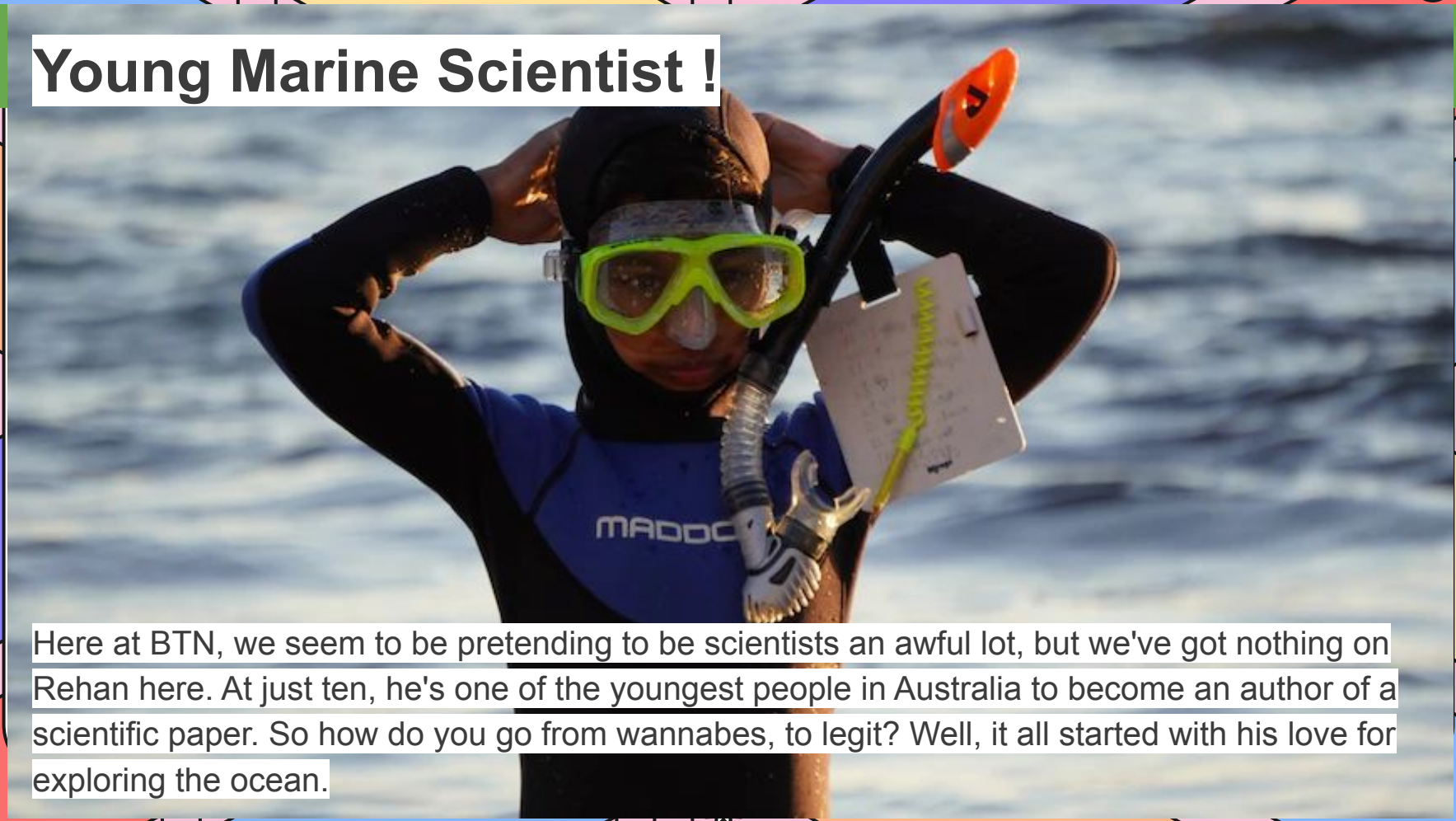
Listr words w9

W	O	O	L	L	E	N	B	U	L	L	E	T	C
Y	O	L	C	R	B	S	U	G	A	R	O	L	L
D	E	Y	C	R	O	O	K	E	D	E	L	W	R
L	L	L	E	L	L	N	C	W	O	U	Y	F	O
L	S	T	U	C	L	K	U	O	Y	D	L	L	B
L	Y	C	Y	U	L	U	T	O	O	S	L	W	Y
W	L	E	O	B	U	Y	Y	L	L	L	U	L	W
T	L	L	G	N	E	L	G	L	B	Y	B	O	L
L	U	S	U	L	E	Y	L	Y	S	L	N	P	U
G	F	L	L	K	C	O	L	L	U	B	U	O	R
C	C	U	U	B	O	O	E	W	O	L	F	W	K
L	P	L	Y	K	L	Y	K	U	L	U	B	Y	U
L	O	O	F	U	L	L	O	U	U	L	O	C	L
C	O	O	L	C	Y	R	L	O	L	U	L	F	K

FULLY
PULLEY
WOLF
WOOLLY
BULLET
BULLOCK
SOOT
WOOLLEN
SUGAR
CROOKED
BULLY

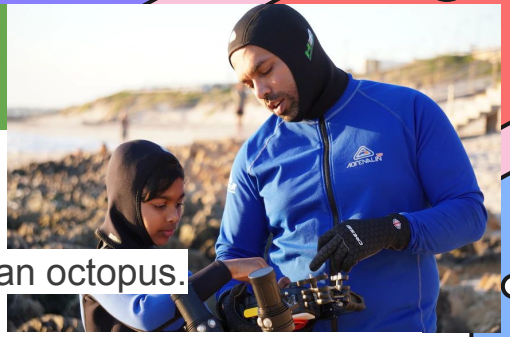
Play this puzzle online at : https://thewordsearch.com/puzzle/2702801/

Young Marine Scientist !



Here at BTN, we seem to be pretending to be scientists an awful lot, but we've got nothing on Rehan here. At just ten, he's one of the youngest people in Australia to become an author of a scientific paper. So how do you go from wannabes, to legit? Well, it all started with his love for exploring the ocean.

Reading



REHAN: The ocean is like a whole different world itself.

While he was snorkelling, he observed something interesting going on with an octopus.

REHAN: When I looked really close, I could notice that there was a fish next to it. I thought it could be by coincidence, but it wasn't, it was actually following it. I told my dad, and he didn't believe me at first.

But as a researcher of animal behaviour himself, Rehan's dad Ru challenged him to test his observations. See that's how science works. Big discoveries don't come from just one observation.

LEELA: Was this water always blue?

Scientists used something called the scientific method.

LEELA: I know all about that because I'm definitely a real scientist and not just pretending to a scientist.

Reading

Basically, the scientific method involves observing something, asking a question about it. In this case, does the brown-spotted wrasse fish always follow around the WA common octopus? The next step is forming a hypothesis. Which is a theory or an idea about how something might work. Like, I think this fish is following this octopus. Then you have to test your hypothesis and gather evidence. For a year Rehan did this snorkelling at four different beaches in Perth to find octopuses and see if wrasse fish were hanging nearby.

REHAN: We saw it a couple more times.

Which meant they could go to the next step recording their results and drawing a conclusion. The fish was following the octopus. Leading to a new hypothesis that the fish was taking advantage of food that was disturbed by the octopus when it moved its arms around. It's something called nuclear-follower behaviour. And while it's been seen with other animals, thanks to Rehan, it's the first time this budding friendship has been noticed.

RU: I've spent so much time in the ocean and it's not something I've ever seen.

REHAN: We wrote a scientific article.

Reading

But there's another important step in the scientific method that Rehan and his dad had to go through. The peer review process.

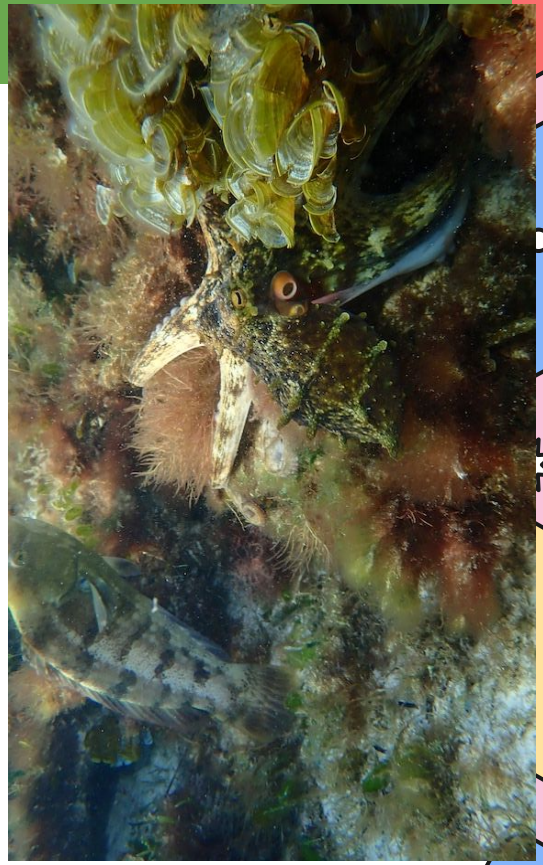
LEELA: That's when you share your findings with other real scientists to see if they agree with your conclusions. Ahh Cale, here's my findings about the blue water.

CALE: Leela you know we're not real scientists. Oh, I'll take a look anyway.

In Rehan's case his discovery was reviewed and has now been published in a CSIRO journal. Having the research published is a really impressive achievement. So, the obvious question: does Rehan want to be a scientist when he's older?

REHAN: Of course, I do. Because science is kind of my thing.

That makes one of us, Rehan.



Questions

1. What was the main point of the Young Marine Scientist story?
2. Rehan is one of the youngest people in Australia to become an author of a scientific paper. True or false?
3. What did Rehan observe when he was snorkelling?
4. Scientists use something called a scientific _____to test their observations?
5. What question did Rehan investigate?
6. What does it mean to form a hypothesis?
7. How did Rehan test his hypothesis and gather evidence?

1.
2.
3.
4.
5.
6.
7.

Writing: Informative texts

The Animal Kingdom

Today you are going to write an informative text about an animal.
Informative texts provide factual information about a particular topic.

Think:

Which animal are you going to describe?
Think about an animal you are familiar with. This could be a pet, a farm animal, a bird or an animal that lives in the wild.
What does your animal look like? Where does it live? What does it eat? What special characteristics does it have?

Which animal have you chosen????

Writing

Plan:

Plan your writing before you begin. Decide which facts you are going to include.

Remember to include:

- an introduction – a general statement about the animal
- a description – a series of factual paragraphs describing the animal
- a conclusion – a summary statement about the animal.

Remember to use:

- paragraphs
- formal, factual and subject-specific language.

Remember to check:

- spelling and punctuation
- sentence structure.

Writing: Plan

Plan:

Plan your writing before you begin. Decide which facts you are going to include.

What does your animal look like? Where does it live? What does it eat? What special characteristics does it have?

Enter research / notes here....

Writing

Remember to include:

- an introduction – a general statement about the animal
- a description – a series of factual paragraphs describing the animal
- a conclusion – a summary statement about the animal.

Introduction

Writing

Remember to include:

- an introduction – a general statement about the animal
- a description – a series of factual paragraphs describing the animal
- a conclusion – a summary statement about the animal.

Description

Writing

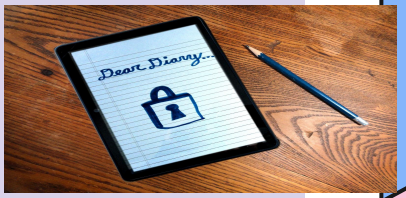
Remember to include:

- an introduction – a general statement about the animal
- a description – a series of factual paragraphs describing the animal
- a conclusion – a summary statement about the animal.

Conclusion

Diary: How is your Term going???

It's been a long term of home learning and lockdowns how are you going?



1st Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

-1000

+1000

-50000

+50000

-10500

+105000

Cut in Half

Double It

Expanded Form

Round to Nearest 5

Round to Nearest 10

Odd or Even

NUMBER OF THE DAY

99 442

Addition Problem

Subtraction Problem

Make the Smallest Number

Make the Largest Number

Write It Out

Extension: Word problem

Create one of your own number questions using this number:
99 442

Math Mentals

1. 28 – 11 = ____

2. 45 + 99 = ____

3. 14 ÷ 7 = ____

4. 3 x 9 = ____

5. 11 x 2 = ____

6. Round 12675 to the nearest hundred. ____

7. Write the smallest number you can using: 3, 1, 8, 9, 7, 3.

1.
2.
3.
4.
5.
6.
7.

Math Mentals

8. Complete this counting pattern:
32, 44, 56, 68, _____, _____, _____

9. Complete this counting pattern:
97, 102, 107, 112, _____, _____, _____

10. If there were 112 fans at a football game, 98 were wearing light blue and the rest were wearing gold, how many were wearing gold?

_____

11. Share $48 between 6 children. _____

12. What is the price after taking 50% off $62? _____

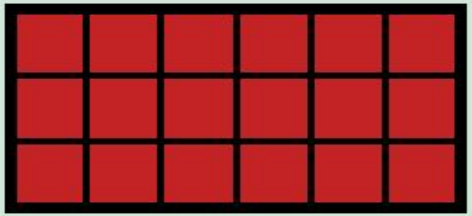
13. What is 1/10 of 350? _____

14. What is 1/9 of 36? _____

8.
9.
10.
11.
12.
13.
14.

AREA - Rectangles

Area is a measure of how many units cover a surface.



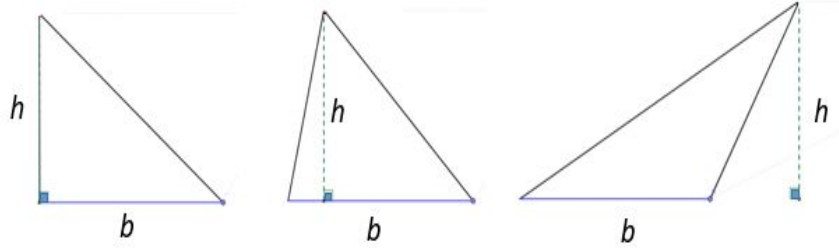
AREA VOCABULARY	
width	square millimetres (mm^2)
length	square centimetres (cm^2)
hectares (ha)	square metres (m^2)
	square kilometres (km^2)

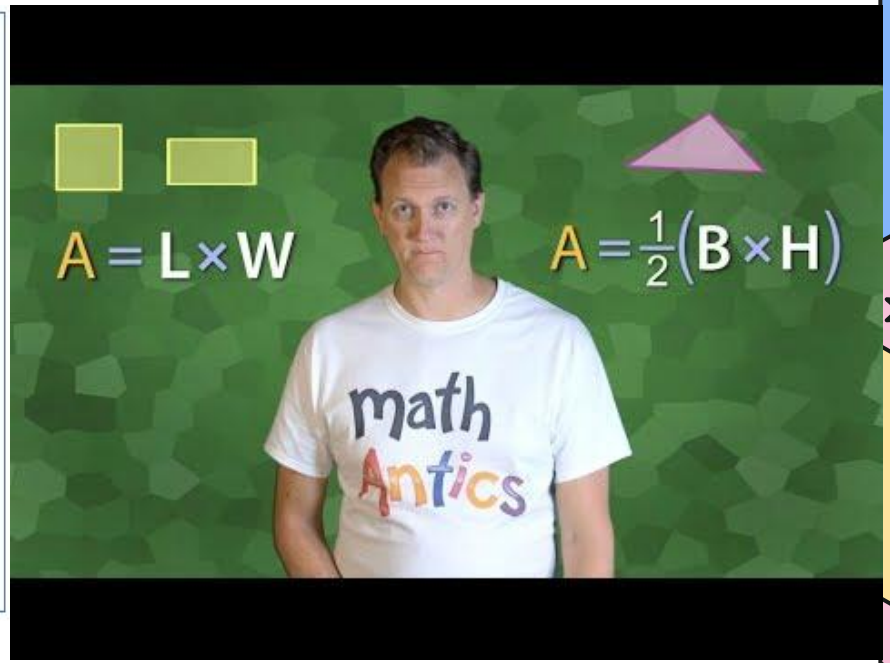
Area - Triangles

Area of Triangle

Area = $\frac{1}{2}$ × base × perpendicular height

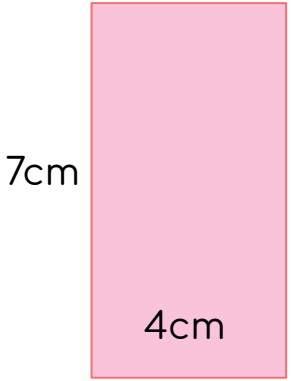
$$A = \frac{1}{2}bh$$





AREA - Rectangles

Find the Area of the shapes:

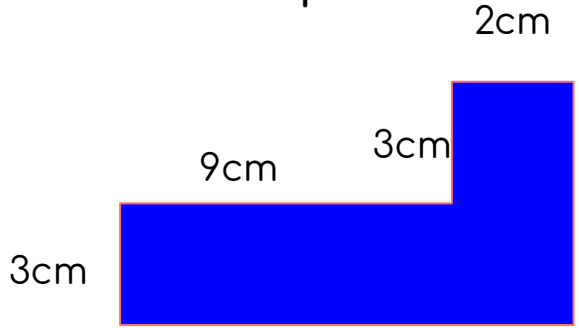


Area = 7cm x 4cm =
___ cm squared.

Area = 4m x 12m =
____ m squared.

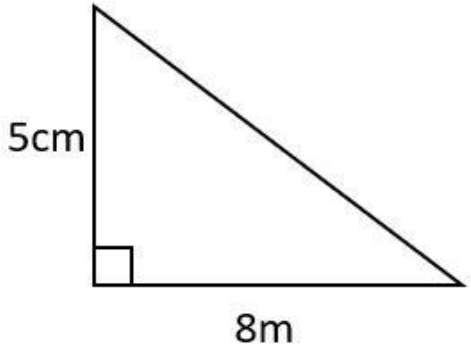
Area (L shape) =
3cm x 9cm = ___
cm squared.
+
3cm x 2cm = ___
cm squared.

The total is ___
cm squared.



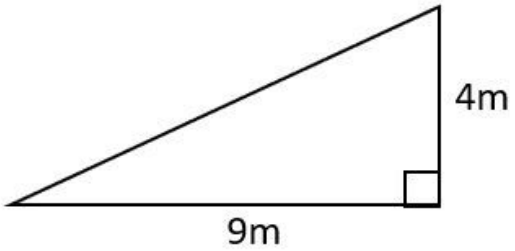
Area - Triangles

Example: Look at the triangle below :)



- In the example above, the base is 8cm and the perpendicular height is 5cm.
- So the area of right triangle is ½ x 8 x 5 = ½ x 40 = 20 square cm or 20 cm^2

Now try this one yourself!



Base=
Height=

Area = ½ x Base x Height
½ x ? x ?

Area = ? m^2

Area Problems...

Tony has to tile his kitchen. It measures 4 metres by 3 metres. If each tile is 1 square metre, how many tiles will Tony need?
*How much will the tiles cost if they cost $14 each?

Tina has to mow the backyard. It measures 12 metres by 6 metres. What is the area of Tina's backyard?

If Tina mows 1 square metre every 10 seconds, how long will it take to mow the whole backyard???

Bob wants to fence his yard. His yard measures 24 metres by 12 metres. What is the area of Bob's yard??

If fencing costs $22 per metre how much will the new fence cost Bob??

Bev wants to turf her front yard with grass. It measures 8 metres by 5.5 metres. What is the area of Bev's yard?

If grass turf costs $40 per square metre. How much will Bev spend on grass turf?

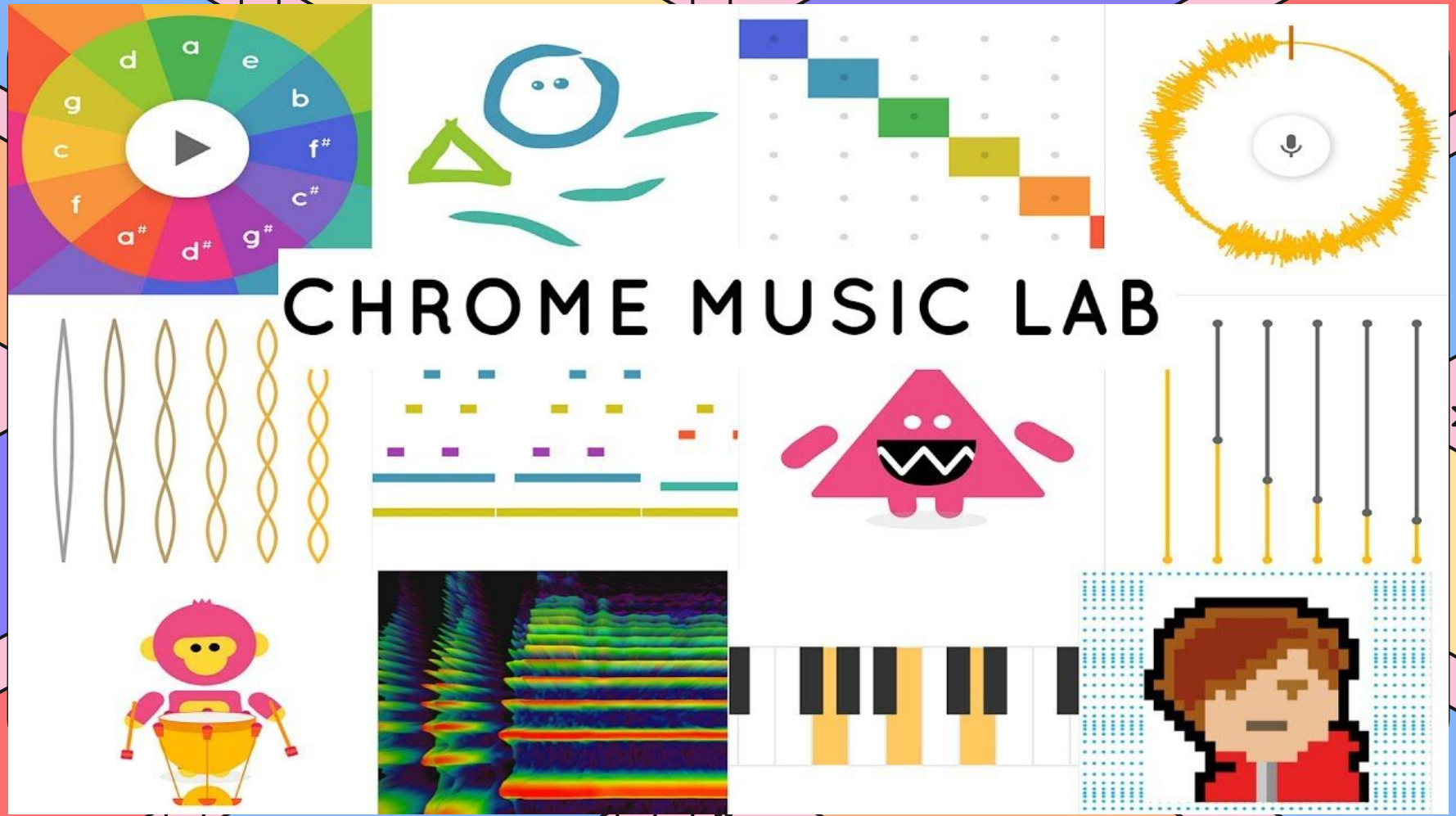
2nd Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids


d
a
e
g
b
c
f#
f
c#
a#
d#
g#
CHROME MUSIC LAB

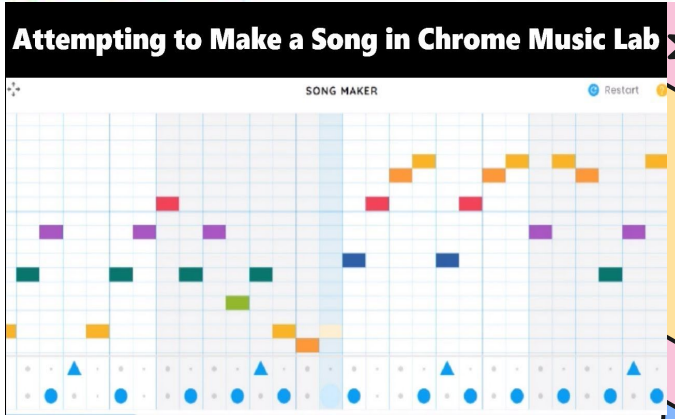
Explore Music Lab

What is Chrome Music Lab?

Chrome Music Lab is a website that makes learning music more accessible through fun, hands-on experiments.

What can it be used for?

Many teachers have been using Chrome Music Lab as a tool in their classrooms to explore music and its connections to science, math, art, and more. They've been combining it with dance and live instruments.



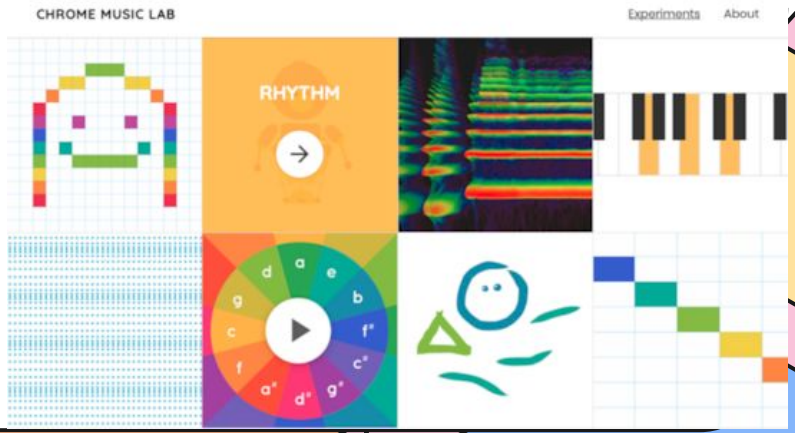
Make your own songs!

Can I use it to make my own songs?

Yes. Check out the Song Maker experiment, which lets you make and share your own songs.

Click on the link to start exploring Chrome Music Lab:

https://musiclab.chromeexperiments.com/Experiments



Learning Journal

Please go onto the Google Classroom Learning Journal Document and write all the activities you completed today and sign off on it. Then it will be ready for submission on Friday!

Friday, Week 9.

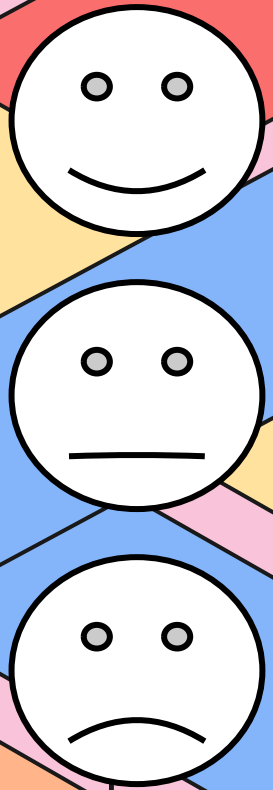
Stage 3, 2021
Tregear Public School
Daily Remote Learning Lessons and Activities.

Morning Check In

Please complete your morning check in on Google Classroom!

How are you feeling today?

(Colour in the face that represents your mood)



Attitude of gratitude

Try this mediation

Spelling Test/ Boggle Board.

Have a member of your family test you on your words and write them in your book

Make as many words with less than 4 letters as you can find.

1.

2.

3.

4.

5.

6.

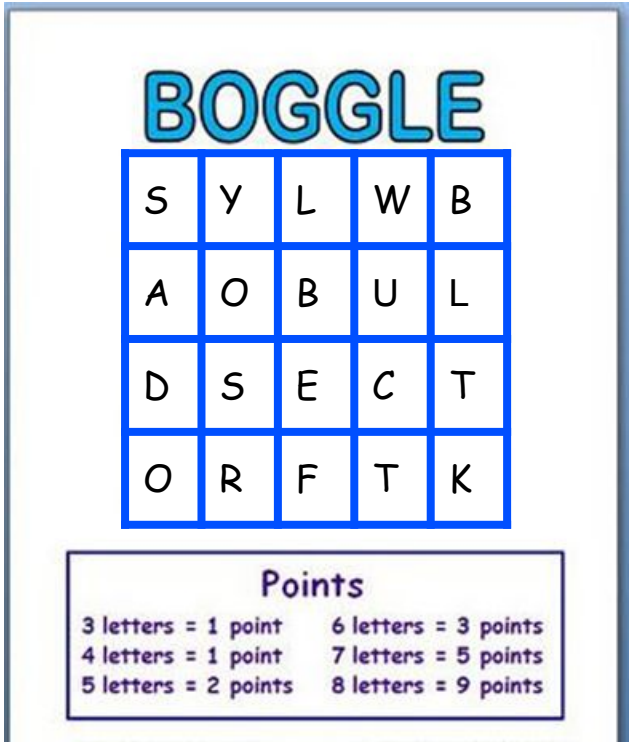
7.

8.

9.

10.

Total Points:



Make as many words with 5 or more letters as you can find.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Total Points:

Reading

ROALD DAHL

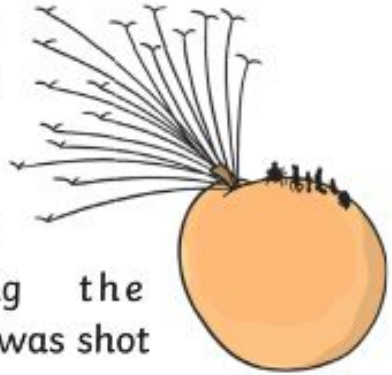
Roald Dahl was born on September 13th 1916, in Llandaff, Cardiff. Though he was born in Wales, his name is not Welsh. Both of his parents were from Norway. Roald Dahl used to go on holidays to visit his family in Oslo when he was a child. Unfortunately, his father died when he was only four years old.

Did you know?
The tree in Fantastic Mr Fox is based on one that grew outside his home.

Reading

Roald Dahl often found himself in trouble at school as he didn't like the routine or following rules. He was once beaten by his teacher for putting a mouse in a jar of gobstoppers. Roald Dahl never forgot the gobstoppers and they are found in Charlie and the Chocolate Factory as Everlasting Gobstoppers. He moved school and never went to university, choosing to travel the world instead.

As soon as he could leave school, Roald travelled to Canada and soon after that, he chose to work in Tanzania, Africa. His thirst for adventure wasn't satisfied by just travelling. In 1939, he joined the RAF (Royal Air Force) to be a fighter pilot during the Second World War. During a mission, he was shot



Reading

Did you know?
Roald Dahl has sold over 200 million copies of his books.

down over Egypt and was badly injured, needing a number of operations that meant he could no longer be a pilot.

As he could no longer take part in the war, he moved to America and started writing for newspapers and magazines. Though he was a good writer, he always wanted to write stories that were more imaginary than real. This was perfect for children's books.

Roald Dahl sadly died on the 12th of November in 1990. He was 74 years old when he died. In his lifetime, he wrote 19 children's books.

Reading

1. Where and when was Roald Dahl born?

2. Why did he not have a Welsh name?

Reading

3. Why did he stop writing for newspaper and magazines?

4. What forced him to take up writing?

Writing

Write a step by step process of the main things you did Thursday after 3:30pm until 7:30pm

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

Diary:

1st Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

-100	Cut in Half	**NUMBER OF THE DAY** ***5233***	Make the Smallest Number
+100	Double It	Addition Problem	Make the Largest Number
-500	Expanded Form	Subtraction Problem	Write It Out
+500	Round to Nearest 5		
-1000	Round to Nearest 10		
+1000	Odd or Even		

Extension: Word problem

Create an additive word problem for the answer 5233.

Math Mentals

1. 11 – 10 = ____

2. 73 + 71 = ____

3. 3 x 4 = ____

4. 400 ÷ 10 = _____

5. 60 ÷ 6 = _____

6. Round 52844 to the nearest thousand. _____

7. Write 20034 in words: _____

8. Complete this counting pattern:
11, 23, 35, 47, _____, _____, _____

9. Complete this counting pattern:
99, 104, 109, 114, _____, _____, _____

1.
2.
3.
4.
5.
6.
7.
8.
9.

Math Mentals

10. What is the sum of 43, 52 and 24? ____

11. If 9 kilograms costs $45, how much would 45 kilograms cost?

12. What is the price after taking 50% off $26? _____

13. What is 1/8 of 48? _____

14. What is 1/5 of 55? _____

15. Write these decimals in ascending order: 0.93, 0.94, 0.22, 0.87

_____

16. Write these decimals in descending order: 0.93, 0.38, 0.14, 0.94

_____

17. 60 minutes = _____ hours

18. The length of a square's sides are 7cm. What is its area? _____

10.
11.
12.
13.
14.
15.
16.
17.
18.

MATH FOCUS: Multiplying Decimals

Aim: Multiply and Divide decimal numbers by 10, 100 and 1000

Multiply the following numbers by 10, 100 and 1000 to complete the table.

	x10	x100
2.39		
5.73		
319.32		
0.38		

Multiplying Decimals by 100

Move the decimal point two places to the right

3.14 x 100
= 3.14.0
= 314.0

MATH FOCUS: Dividing Decimals

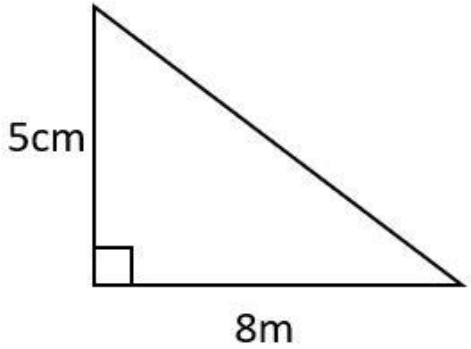
Divide the following numbers by 10, 100 and 1000 to complete the table.

	÷10	÷100	÷1000
34			
342			
23467			
5657			

Hint: If you divide **by 10** only move to the right ONCE!

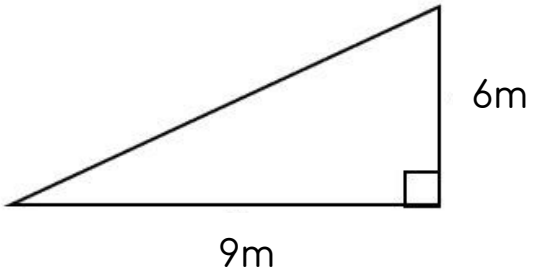
MATH FOCUS: Area - Triangles

Remember that formula for an Area of Triangle



- In the example above, the base is 8cm and the perpendicular height is 5cm.
- So the area of right triangle is ½ x 8 x 5 = ½ x 40 = 20 square cm or 20 cm^2

Now, what is the answer to this?



Base=
Height=

Area = ½ x Base x Height
½ x ? x ?

Area = ? m^2

2nd Break Time

Use this time to have a 30 minute break

1. **Have a snack**
2. **Drink some water**
3. **Play a game**
4. **Do a movement activity:**
   - **Go Noodle**
   - **Just Dance**
   - **Stretching your legs**
   - **Mindfulness (colouring or breathing)**

Here is a link for ideas if you need it:

https://www.youtube.com/results?search_query=brain+breaks+for+kids

KLA: Creative Arts: Visual Arts - Drawing

You are going to draw one of the most classic game items ever from Mario…. A KOOPA SHELL

Feel free to change the colour of the shell, add a nice background or even add anything extra!

Have Fun and post your picture on the next slide!

KLA: Creative Arts: Visual Arts - Drawing (Insert image here)

Learning Journal

Please go onto the Google Classroom Learning Journal Document and write all the activities you completed this week and sign off on it. Then submit it! Have a great weekend!