Stage 3 – Take Home Learning Pack
Term 3, Week 9

Dear families,

Please find the learning from home work for this week attached. There is a suggested timetable, but children can complete the activities in any order and can also complete them more than once if they would like to.

If you can, we ask that you send a photo/video of the work your child has completed. All photos/videos can be uploaded in your child's Class Dojo Portfolio.

Taking photos of the tasks your child completes, allows us to see all the wonderful learning that the children are doing as well as allowing us to see which children are learning from home so that we can mark the roll.

Alternatively, bring your completed work to school when you come and collect your new booklet.

Happy learning!

LIVERPOOL WEST PS - STAGE 3 – REMOTE LEARNING – TERM 3, WEEK 9

2021 STAGE 3 REMOTE LEARNING TIMETABLE – TERM 3, WEEK 9

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:10	20mins Reading				
9:30	Reading Comprehension Fact or Opinion Reading Eggs	Reading Eggs	Reading Comprehension Fact or Opinion Reading Eggs	BTN Robot Revolution https://www.abc.net.au/btn/classroom/robot-revolution/13494772	
	Crunch and Sip				FREE CHOICE FRIDAY
10:10	Writing Would you rather a pet robot or a pet dragon?	Writing Convince me to buy or download your favourite game or app	Writing Fractured Fairy Tales Plan	Writing Fractured Fairy Tales Draft	Choose at least 2 activities from the grid to complete
10:50	Vocab – game	Vocab – word of the day 'grotesque'	Vocab – game	Vocab – word of the day Word Cline	
11:00	**Break 1**				
11:50	Maths Converting decimals to fractions https://bit.ly/3BcklUe	Maths Converting fractions to decimals https://bit.ly/3jfEPdb	Maths Line Graphs https://bit.ly/3B7LE6Q	Maths Line Graphs	
12:30	Visual Arts Perspective Landscape https://bit.ly/383Cdsr	Number of the Day 5588 or 558.8 TEN Maths Factors & Multiples	Geography Where in the world is Asia? https://www.youtube.com/watch?v=nsOtOye-DJM	Number of the Day 2655 or 26.55 TEN Maths Magic Number	
1:10	Fitness Choose from the activity grid	Fitness Backyard Fun activities	Fitness Fitness Circuit https://binged.it/3B5SDwP	Fitness Just Dance https://binged.it/3Bbpwsd	
1:30	**Break 2**				
2:10	Choose an activity from the grid	Library www.storyboxlibrary.com.au 'You Might Find Yourself'	Music Musical styles from around the world https://youtu.be/lY3696Uk9Hg	Science STEM = Solar System Model Research = Uranus	

DAILY

READ: for 20 mins each day

Book of your choice	Reading Eggs	Read a piece of everyday text (a menu, timetable, an ad, cereal box)
Library book	Newspaper article	
Magazine article	Online book or information	

FITNESS: choose an activity each day

Go for a bike ride | Do yoga | Play soccer | Play handball

Go for a walk or run | Make an obstacle course | Plank challenge | Skipping

Do karate or boxing workout | Jump on trampoline | Play tag | Play catch or wall throw

PE With Joe
https://video.link/w/4R03c

Just Dance
https://www.youtube.com/results?search_query=just+dance

30sec Challenges
https://bit.ly/3iVyK4n

Bingo

Choose 5 activities in a row or challenge yourself
and complete all activities for Bingo

B I N G O

20 Jumping Jacks	20 High Knees	10 Toe Touches	20 Butt Kicks	20 Squats
40seconds Plank	20 Mountain Climbers	20 High Jumps	1 minute Dancing	20seconds Gorilla Crawl
15 Frog Jumps	20 Elephant Stomps	Free	15 Sit ups	1 minute Meditation
1 minute Jump rope	20 seconds Crab Walk	10 Starfish Jumps	20 Lunges	20 seconds Bear Crawl
20 High Kicks	30s each side Tree pose	30 seconds V-sit Hold	1 minute Wall Sit	30seconds Cheetah run

UNO FITNESS

Red – Star Jumps
Yellow – Push Ups
Blue – Hops
Green – Frog Jumps

1 Lap of Skipping
1 Lap of Walking Backwards
Double Time! 1 Lap of Sprinting
10x Activity of Your Choice

MONDAY

VOCABULARY

Choose and complete one activity

PLAY SCATTERGORIES!	PLAY BOGGLE!
You can play by yourself or with someone. Click on this link: https://bit.ly/2WorcQ1	You can play by yourself or with someone. Click on this link: https://bit.ly/3kpbCvE
First, click on the 'Choose a Letter' button. Second, click on 'Start timer' button.	You have 3 minutes to find as many words as you can.
You will now have 2 minutes to write down a word for each category that starts with the chosen letter!	The instructions on how to play are on the webpage below the game.
PLAY A BOARD GAME!	**PLAY 2 MINUTE WORD CHALLENGE!**
If you have a board game at home that uses words, you can play that! For example: Boggle, Taboo, Scattergories, Scrabble, Articulate, etc.	Give yourself 2 minutes. List as many words you can think of when you hear the word 'holiday'. Challenge someone else to beat your record!

COMPREHENSION

FACTS
Tell us what happened and can be proven true or false.

OPINIONS
Are attitudes or judgements that can't be proven right or wrong.

FACT & OPINION
A statement that can be **PROVEN**   A statement that says what someone **THINKS** or **FEELS**

Apples grow on trees.   Apples taste good.

Key FACT words:
Dates
Science
Numbers
Historical events
Nonfictions

Key OPINION words:
Believe   Think
Most   Should
Good   Feel
Bad   Might
Never   Always

Is It a Fact or an Opinion?
Read each sentence. Colour in the facts blue and the opinions red.

Dr. Seuss' real name was Ted Geisel.	Harry Potter is the best character in the Harry Potter series.	People who write books are called authors.	Twinkle, Twinkle Little Star is a nursey rhyme.
Reading books is better than watching movies.	Jupiter is the largest planet in our Solar System.	Roses are the most beautiful flowers.	Cows are more useful than horses.
The Burj Khalifa is the tallest building in the world.	Winter is my favourite season because it might snow.	Cat in the Hat is the greatest movie of all time!	Roald Dahl wrote Matilda and Charlie and the Chocolate Factory.
Sydney is not the capital city of Australia.	The Eiffel Tower is in Paris, France.	The Olympics are held every 4 years. The next Olympics will be held in 2024.	Green is an ugly colour.

ACTIVITY GRID

Choose an activity from the Friday activity grid.

WRITING

WALT: We are learning to write persuasive texts to engage our reader.

Success Criteria:
* I can plan my writing.
** I can write an introduction to grab the reader's attention.
*** I can provide 3 creative reasons to support my argument.
**** I can use descriptive language to engage my audience.

WOULD YOU RATHER HAVE...
A ROBOT OR A DRAGON
AS A PET?

Persuade the audience why you have chosen the Robot or the Dragon.
Provide 3 reasons to convince the audience.

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MATHS

WALT: We are learning to convert decimals to fractions.

Success Criteria:
*I can understand that fractions decimals and percentages are all part of a whole.
**I can convert decimals to a fraction.
***I can reduce the fraction into its simplified form.

Click on the link to watch the video:
https://www.loom.com/share/4a67b50dc6104f04b6331ea21a8a151d

Fractions, decimals and percentages are just three ways of saying the same thing.

½ → 0.5

50%

Decimals to Fractions

Example: Convert 0.75 to a fraction

Step 1: Write down 0.75 divided by 1:

$$\frac{0.75}{1}$$

Step 2: Multiply both top and bottom by **100** (because there are 2 digits after the decimal point so that is 10×10=100):

× 100

$$\frac{0.75}{1} = \frac{75}{100}$$

× 100

(Do you see how it turns the top number into a whole number?)

Step 3: [Simplify the fraction] (this took me two steps):

÷5   ÷5

$$\frac{75}{100} = \frac{15}{20} = \frac{3}{4}$$

÷5   ÷5

Answer = $\frac{3}{4}$

DECIMALS → FRACTIONS

Starting from the decimal point, count the decimal places. If there is one decimal place, put the number over 10 and reduce. If there are two places, put the number over 100 and reduce...

EXAMPLES:

0.8 = 8 / 10 → 4/5 (simplified)

0.7 =

0.45 = 45 / 100 → 9/20 (simplified)

0.80 =

0.123 = 123/1000

0.2917 =

Converting Decimals to Fractions

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. 0.27 = $\frac{27}{100}$

2. 0.50 = $\frac{50}{100} = \frac{1}{2}$

3. 0.30 = —

4. 0.64 = —

5. 0.55 = —

6. 0.60 = —

7. 0.45 = —

8. 0.80 = —

9. 0.10 = —

10. 0.66 = —

11. 0.54 = —

12. 0.35 = —

13. 0.51 = —

14. 0.89 = —

15. 0.79 = —

16. 0.71 = —

17. 0.49 = —

18. 0.17 = —

ART

WALT: To learn how to draw perspective landscape using foreground, midground and background.

Success Criteria:
*I can draw the foreground and add a winding road.
**I can draw the midground with the bushy trees and hills.
**I can draw the background with the hills, sky and sunset.

Perspective Landscape
** Click on the link to watch the video **https://bit.ly/383Cdsr**

TUESDAY

VOCABULARY

	Meaning Can use a dictionary	Base Word	Prefix / Suffix Can you add a prefix or suffix to the word?	Synonym Similar meaning Can use thesaurus	Antonym Opposite Can use thesaurus
Example 'frustrating'	Causing feelings of anger and annoyance.	frustrate	frustrates frustrated frustration	annoy irritate	pleasing
'grotesque'					
	Sentence				

COMPREHENSION

Complete a Reading Eggs activity or find 2 facts and 2 opinions in a text you are reading.

TEN MATHS

Factors and Multiples

A 100 square grid

Skill: Factors and Multiples

How To:
The first player chooses a <u>positive even number</u> that is less than 50, and covers it out on the grid with a counter.
The second player chooses a number to cover. The number must be a factor or multiple of the first number.
Players continue to take it in turns to cover numbers, at each stage choosing a number that is a factor or multiple of the number just covered by the other player.

The first person who is unable to cross out a number loses.
e.g. the following game started 12, 4, 44, 11, 77...

nrich.maths.org/roadshow
https://nrich.maths.org/5468

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

WRITING

WALT: We are learning to write persuasive texts to engage our reader.

Success Criteria:
* I can plan my writing.
** I can write an introduction to grab the reader's attention.
*** I can provide 3 creative reasons to support my argument.
*** I can use descriptive language to engage my audience.

Convince me to buy or download your favourite game or app

You will need:
* a description of your game or app
* 3 persuasive arguments
* persuasive language

MATHS

WALT: We are learning to convert fractions to decimals.

Success Criteria:
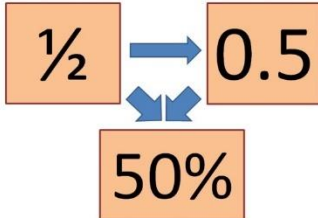*I can understand that fractions decimals and percentages are all part of a whole.
**I can convert a fraction to a decimal.
***I can apply my understanding in a word problem.

Click on the link to watch the video
https://www.loom.com/share/cf2be03597714db2808558026415a116

Fractions, decimals and percentages are just three ways of saying the same thing.

½ → 0.5
50%

Method 1

The simplest method is to use a calculator.

Just divide the top of the fraction by the bottom, and read off the answer!

Example: What is $\frac{5}{8}$ as a decimal ... ?

Math Is Fun !
0.625
... get your calculator and type in "5 / 8 ="

The answer should be **0.625**

Method 2

Example: Convert $\frac{3}{4}$ to a Decimal

Step 1: We can multiply 4 by **25** to become 100

Step 2: Multiply top and bottom by 25:
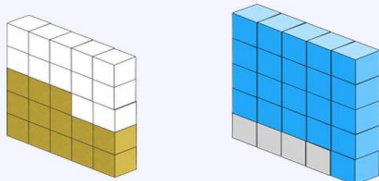
×25

$\frac{3}{4} = \frac{75}{100}$

×25

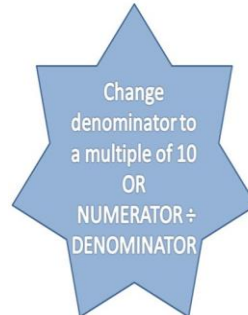Step 3: Write down 75 with the decimal point 2 spaces from the right (because 100 has 2 zeros);

Answer = 0.75

Visual Representation
Write the fraction and decimal represented by these shapes:

FRACTIONS ➡ DECIMALS

Change denominator to a multiple of 10 OR NUMERATOR ÷ DENOMINATOR

¼ = 25/100 = 0.25
OR ¼ = 1 ÷ 4 = 0.25
1/5 = 2/10 or 20/100 = 0.2
OR 1/5 = 1 ÷ 5 = 0.2
12/50 = 24/100 = 0.24
OR 12 ÷ 50 =
1/8 = 125/1000 = 0.125
OR 1/8 = 1 ÷ 8 = 0.125

Converting Fractions to Decimals

Convert the following fractions to their equivalent decimals. The first one has been done for you.

1. $\frac{8}{100}$ = 0.08

2. $\frac{40}{100}$ = 0.40 = 0.4

3. $\frac{29}{100}$ = 0.29

4. $\frac{45}{100}$ = _____

5. $\frac{20}{100}$ = _____

6. $\frac{7}{100}$ = _____

7. $\frac{99}{100}$ = _____

8. $\frac{33}{100}$ = _____

9. $\frac{50}{100}$ = _____

10. $\frac{70}{100}$ = _____

11. $\frac{24}{100}$ = _____

12. $\frac{48}{100}$ = _____

13. $\frac{9}{100}$ = _____

14. $\frac{65}{100}$ = _____

15. $\frac{22}{100}$ = _____

16. $\frac{69}{100}$ = _____

Challenge:

26. $\frac{42}{50}$ = _____

27. $\frac{10}{20}$ = _____

28. $\frac{4}{25}$ = _____

29. $\frac{39}{50}$ = _____

30. $\frac{7}{100}$ = _____

Three children each have a pack of raisins. Bret eats 0.7 of his raisins, Cara eats 28/100 of her raisins and Celina eats 0.04 of her raisins. The child with the most raisins left over gives **half** of their remaining raisins to Riaz.
What fraction of a pack does Riaz get?

| name	raisins eaten	raisins remaining
Brett	0.7	
Cara	$\frac{28}{100}$	
Celina	0.04	

LIBRARY

WALT To navigate and use Story Box Library

Success Criteria
*I can navigate my way to Story Box Library.
** I can accurately use the search functions.
*** I can read the text then

- In browser search 'Story Box Library' https://storyboxlibrary.com.au/
- Log in with:
User name: lwps
password: lwps
- Click on hamburger button
- Click on Stories
- Search: You Might Find Yourself
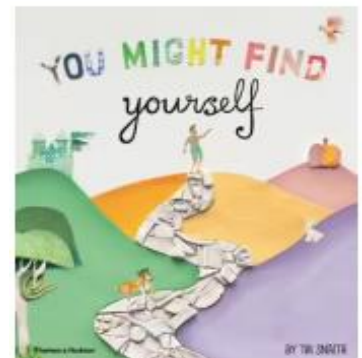
** Read the book 'You Might Find Yourself'

Activity: Take a photo of your name
1. Go on a hunt around your home or classroom to find objects that can be used to spell your name. For example, toothpicks to make the letter 'A', paperclips to make an 'I', wool to make an 'S'.
2. Arrange the objects on a clean, flat surface to make each of your letters. Try to use a surface that is one colour and is different from the colour of your objects so that they stand out.
3. Stand directly above your name to take a photograph of it

WEDNESDAY

VOCABULARY

Choose and complete one activity

PLAY SCATTERGORIES!	PLAY BOGGLE!
You can play by yourself or with someone. Click on this link: https://bit.ly/2WorcQ1 First, click on the 'Choose a Letter' button. Second, click on 'Start timer' button. You will now have 2 minutes to write down a word for each category that starts with the chosen letter!	You can play by yourself or with someone. Click on this link: https://bit.ly/3kpbCvE You have 3 minutes to find as many words as you can. The instructions on how to play are on the webpage below the game.
PLAY A BOARD GAME!	**PLAY 2 MINUTE WORD CHALLENGE!**
If you have a board game at home that uses words, you can play that! For example: Boggle, Taboo, Scattergories, Scrabble, Articulate, etc.	Give yourself 2 minutes. List as many words you can think of when you hear the word 'holiday'. Challenge someone else to beat your record!

COMPREHENSION

FACTS Tell us what happened and can be proven true or false.

OPINIONS Are attitudes or judgements that can't be proven right or wrong.

FACT & OPINION

A statement that can be **PROVEN**

A statement that says what someone **THINKS** or **FEELS**

Apples grow on trees.

Apples taste good.

Key FACT words:
Dates
Science
Numbers
Historical events
Nonfictions

Key OPINION words:
Believe   Think
Most   Should
Good   Feel
Bad   Might
Never   Always
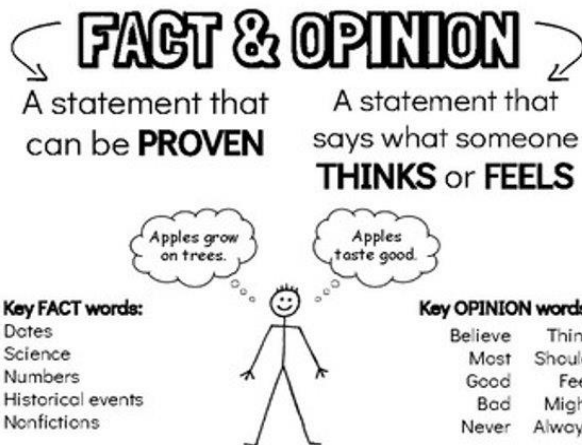
Complete the activities below. Make sure you explain why you believe it is a fact or an opinion.

10.

Identify an **OPINION** from the paragraph below.

Lance Lawrence, a world-famous animal researchers, feels that the zebra is a truly beautiful animal. Zebras are famous for their black and white stripes. Although the patterns can be very similar, no two zebras have exactly the same stripes. Their stripe patterns make zebras attractive to look at.

12.

Write 2 statements about this image that are **OPINIONS.**

Shutterstock.com/jessicahyde
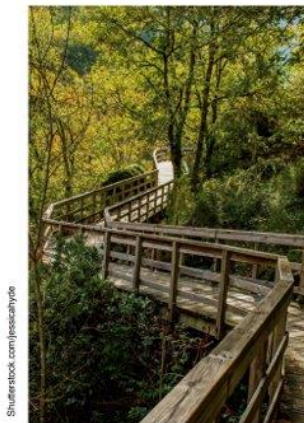
6.

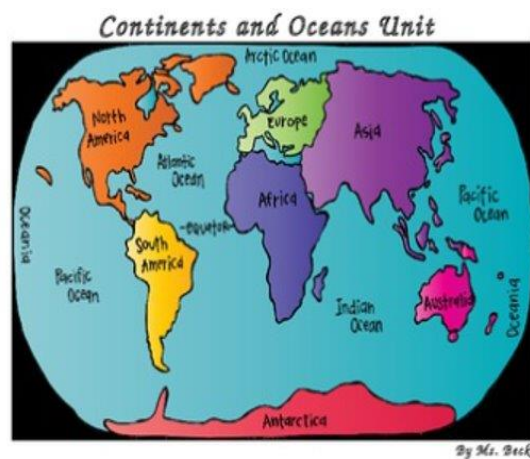Is the paragraph below made up of facts or opinions? Explain.

Exercise is important for children for many reasons. First, it helps them think clearer, which means children can concentrate better in class and learn more. It also gives children more energy and helps strengthen their heart.

GEOGRAPHY

Learning Intention
We are learning to value and appreciate the dynamic nature of the world using maps and knowledge to discover continents, countries and oceans of the world.

Success Criteria:
* I can use a map and identify places that are familiar to me.
** I can use a map to identify countries and oceans.
*** I can use maps and tools to identify continents, countries and oceans of the world and discuss some differences between them.

Click on the link to watch the video
https://www.youtube.com/watch?v=nsOtOye-DJM

Where in the world is Asia?

1. Locate the region of Asia on a world map
2. Locate any countries you already know in the Asia region.
3. Identify the furthest countries in the region to the North, South, East and West

Watch the link and complete the activity   https://www.youtube.com/watch?v=x-LFOkGfyZM

1 Find and list each of the five oceans of the world.

1. _____   2. _____   3. _____

4. _____   5. _____

2 Find and list each of the seven continents of the world.

1. _____   2. _____   3. _____

4. _____   5. _____   6. _____

7. _____

3 What is the largest country in the world?   _____

4 Are there more countries in the Northern Hemisphere or the Southern Hemisphere?

_____

5 Name three countries in Asia that start with S.

1. _____   2. _____   3. _____

6 Which country is located closest to Australia?   _____

MUSIC

WALT: Discover musical styles from around the world.

Success Criteria:
*I can listen to examples of musical styles from around the world and discuss sounds.
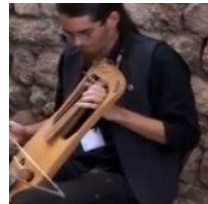**I can match musical instruments to their country of origin.
***I can create an instrument from recycled materials.

Music Melody from Instruments of different countries!! - YouTube

- Watch the clip about musical instruments from around the world **https://youtu.be/IY3696Uk9Hg**
- As you are listening, see if you can find the country or region on the map below.
- As you watch and listen to the instruments, fill in the blanks using these words:

  Tabla, diembre, digeridoo, cruth, horn, uilleann, zampogna, konghou

- African_____
- Australian _____
- Welsh _____
- French _____
- Irish _____
- Italian _____
- Chinese _____
- Indian _____

Time to make your own instruments......

https://youtu.be/e1lHy5u2CF4
https://youtu.be/7nchegAjxP0

1. Watch the clips for some ideas.
2. Collect recycled materials around the house to make your own instrument.
3. Record yourself playing a beat.
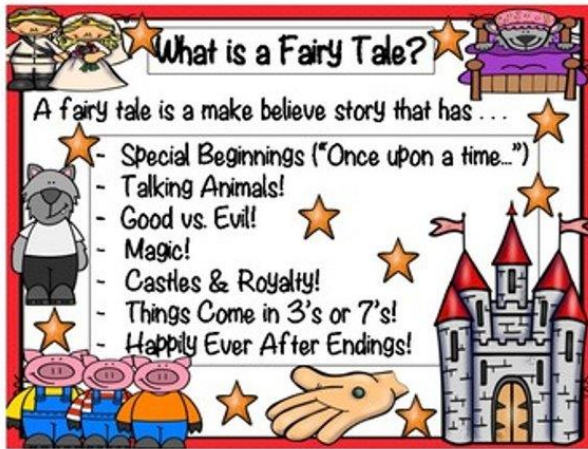4. Upload your video to Class Dojo.

WRITING

WALT: We are learning to write imaginative texts to engage our reader.

Success Criteria:
* I can plan my writing.
** I can use descriptive language for my characters and fairy tale.
*** I can include an interesting and new fractured fairy tale using key words.
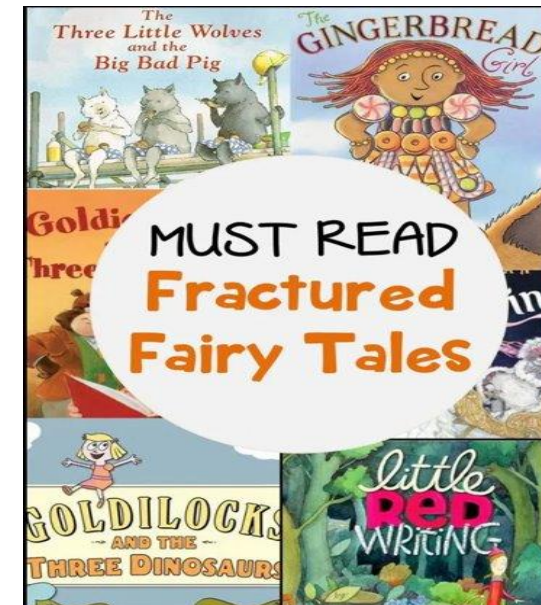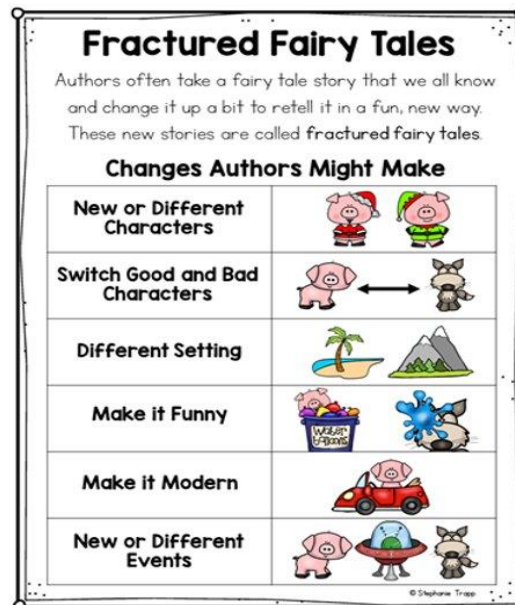

What is a Fairy Tale?

A fairy tale is a make believe story that has . . .

- Special Beginnings ("Once upon a time...")
- Talking Animals!
- Good vs. Evil!
- Magic!
- Castles & Royalty!
- Things Come in 3's or 7's!
- Happily Ever After Endings!

Fairy Tale List

The Three Little Pigs
Little Red Riding Hood
Hansel and Gretel
Cinderella
Snow White and the Seven Dwarfs
Princess/Pea
Elves/Shoemaker
Rumplestiltskin

Three Billy Goats Gruff
Jack and the Beanstalk
The Three Bears
Puss in Boots
The Ugly Duckling
Little Gingerbread Man

Fractured Fairy Tale Examples

** Click on the links to listen to fractured fairy tale examples

https://www.youtube.com/watch?v=4ZtUdk2UlT8

https://www.youtube.com/watch?v=O7sxzY_mQVM

What is a fractured fairy tale?

A fractured fairy tale takes a traditional story and changes it. Some ways to make a fractured fairy tale are to:

- Change the plot
- Telling the story from a different character's point of view
- Combining fairy tales

Fractured Fairy Tales

Authors often take a fairy tale story that we all know and change it up a bit to retell it in a fun, new way. These new stories are called fractured fairy tales.

Changes Authors Might Make

New or Different Characters	
Switch Good and Bad Characters	
Different Setting	
Make it Funny	
Make it Modern	
New or Different Events	

© Stephanie Trapp

MUST READ
Fractured Fairy Tales

Example plan for this fractured fairy tale

Compare and contrast the original fairy tale to the fractured fairy tale

Title: Author:	Traditional Story The 3 Little Pigs	New Story The True Story of the 3 Little Pigs
Characters	3 Little Pigs Wolf (villain)	3 Little Pigs Wolf (misunderstood)
Point of View	Written from 3 Little Pigs' point of view	Written from Wolf's point of view - uses humour
Setting	Houses of straw, sticks and bricks	Houses of straw, sticks and bricks
Problem	Hungry wolf attacks pigs	Wolf wants to borrow cup of sugar from pigs, has allergies and accidentally blows down houses
Solution	Wolf is boiled in pot when he comes down the chimney	Wolf is in gaol telling how he was framed/set up

YOUR TURN

- Choose a fairy tale and write some key words about your fairy tale in the 1st column.
- Look at the poster above for ideas on how to fracture a fairy tale then write some key words for your new story in the 2nd column.
- You will use this plan to write your own fractured fairy tale tomorrow.

Compare and contrast the original fairy tale to the fractured fairy tale.

Title: Author:	Traditional Story	New Story
Characters		
Point of View		
Setting		
Problem		
Solution		

MATHS

WALT: to use appropriate methods to construct, interpret and evaluate data.

Success Criteria:
* I can explore data on a line graph.
** I can interpret and evaluate a line graph.
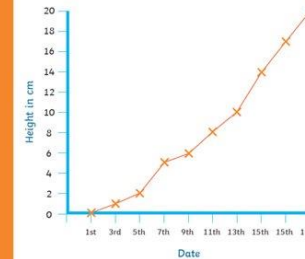*** I can justify if it is a true or false statement about the line graph presented.

LINE GRAPH

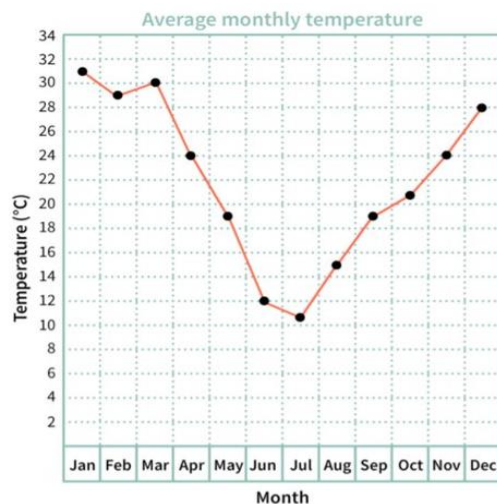A line graph must have a title, 2 axes, labels, points and a line.

Line Graph

A line graph uses points connected by lines to show how something changes in value.

Click on the link to watch the video
https://www.loom.com/share/46fc0b40cc6844ef8a096708e8661850

Task: Explore the line graph and write **true** or **false** for each statement.


Average monthly temperature

- This is a column graph.
- The title of the graph is 'Average monthly temperature'.
- The vertical axis, or y-axis, shows the temperature.
- The horizontal axis, or x-axis, shows the days of the week.
- There are 12 points representing monthly temperature.
- The scale of the y-axis is 1 to 34°C.
- The scale increases in increments of 3°C.
- The temperature increased each month from July to December.
- May and September had the same temperature.
- The hottest month was December.

Extension Task: Explain why each of these statements are true or false.

Maths Mastery - Statistics - Line Graphs

2. Explain why each of the following statements are true or false.

- The lowest temperature is 5°C
- The difference between the highest and lowest temperature is 12°C.
- The temperature rose 11°C from March to May.
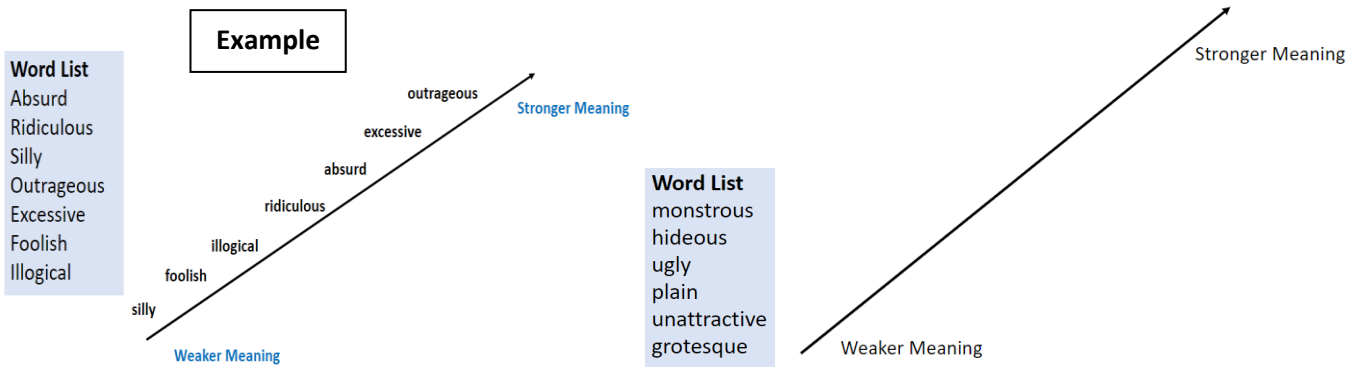- The largest fall in temperature was from October to November.

Average Temperature
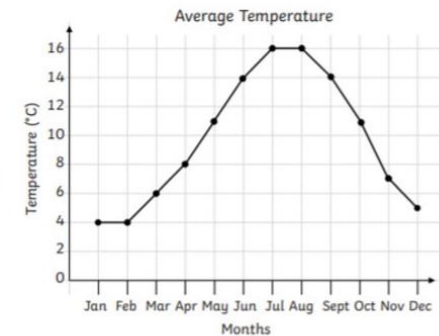
VOCABULARY

Word Clines
Word clines are a way to show where synonyms sit on a slope, from the weakest meaning to the strongest meaning.

Example

Word List
Absurd
Ridiculous
Silly
Outrageous
Excessive
Foolish
Illogical

outrageous
excessive
absurd
ridiculous
illogical
foolish
silly

Stronger Meaning

Weaker Meaning

Word List
monstrous
hideous
ugly
plain
unattractive
grotesque

Stronger Meaning

Weaker Meaning

BTN

Watch the BTN episode: 'Robot Revolution'
https://www.abc.net.au/btn/classroom/robot-revolution/13494772

1. Describe the robot 'Shakey'.

2. How was Shakey different to other robots?

3. Which company had the first working industrial robot?

4. In which decade did the robot revolution really get going?

5. Humanoid robotic programs started building robots to be more _____ like.

6. What is artificial intelligence?

7. What impact has artificial intelligence had on robotics?

8. How will robots affect jobs in the future?

9. What are the advantages and disadvantages of robots and artificial intelligence?

WRITING

Fractured Fairy Tales

Authors often take a fairy tale story that we all know and change it up a bit to retell it in a fun, new way. These new stories are called fractured fairy tales.

Changes Authors Might Make

New or Different Characters	
Switch Good and Bad Characters	
Different Setting	
Make It Funny	
Make it Modern	
New or Different Events	

Use your plan for your fractured fairy tale from yesterday to write your own fractured fairy tale today.

Remember to:
- engage your audience
- include fairy tale elements of magic, talking animals, good vs evil characters, etc
- include descriptive language, accurate punctuation

MATHS

WALT: to use appropriate methods to construct, interpret and evaluate data.

Success Criteria:
* I can interpret and evaluate data on a line graph.
** I can record my findings for temperatures recorded.
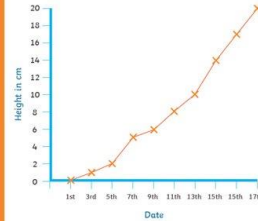*** I can complete a table, record information on a line graph and evaluate.

LINE GRAPH

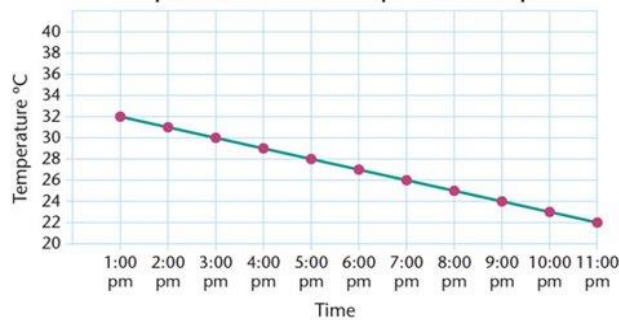A line graph must have a title, 2 axes, labels, points and a line.

Yearly Bike Sales

Line Graph

A line graph uses points connected by lines to show how something changes in value.

5 Study the line graph carefully before attempting the questions.

Temperature between 1:00 pm and 11:00 pm

The vertical axis tells us the temperatures and the horizontal axis tells us the times.

a What was the temperature at 1:00 pm? _____ °C

b What was the temperature at 4:00 pm? _____ °C

c What was the temperature at 10:00 pm? _____ °C

d Estimate the temperature at 1:30 pm. _____ °C

e Estimate the temperature at 6:30 pm. _____ °C

f What was the difference in temperature between 1:00 pm and 7:00 pm? _____ °C

g Estimate what the temperature may have been at 12:00 noon. _____ °C

6 A hose uses 2 L of water every 10 seconds.

a Use this information to complete the table, then record the information on a line graph.

Seconds	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
Litres	2	4	6	8	10											

Litres of water per second
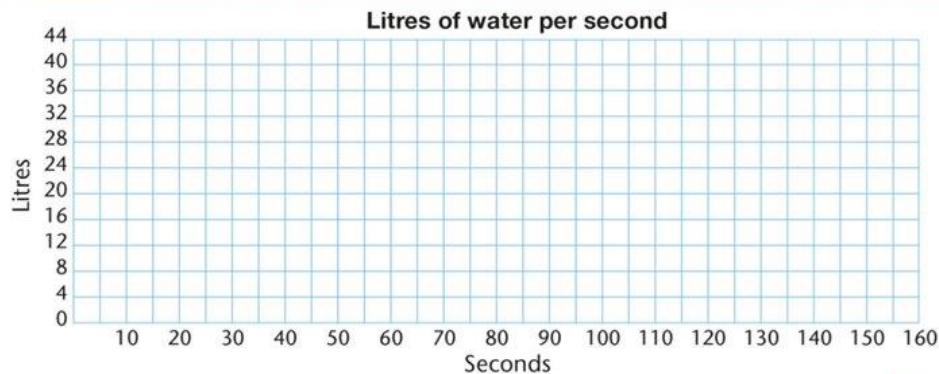
b How many litres of water were used in 70 seconds? _____

c How many litres of water were used in 85 seconds? _____

d How long would it take the hose to use 40 L? _____

SCIENCE

WALT: We are learning to design and construct a model of the Solar System

Success Criteria:
*I can use my knowledge of the planets to create a plan of my model (diagram)
**I can make a list of resources that I will need to construct my model
***I can action teacher feedback about my plan

Design a Solar System Model
This task will be carried out over this week (week 9) and next week (week 10).

NOTES:
- *Please use this week to plan and seek teacher feedback.*
- *Do not start building until your teacher has seen your plan and diagram!*
- *We encourage the use of recycled materials (stuff you already have at home).*
- *You do not need and are not encouraged to buy new materials... USE WHAT YOU ALREADY HAVE AT HOME :)*

Week 9 – Plan and Design	Week 10 – Build and Evaluate
* Create a plan of your solar system by drawing it as a diagram or picture – Use labels for each planet and their moons ** Make a list of the materials you will need to build your model Solar System. E.g. Egg cartons, milk, bottle, play dough etc. (You will be responsible for deciding and providing your own materials) ***Action any feedback from your teacher BEFORE you begin making.	* Review your plan and action any teacher feedback you have been given **Make sure you have enough materials to build your model *** Build your model according to your plan ****Complete the evaluation form about your model and learning from this term.

Examples
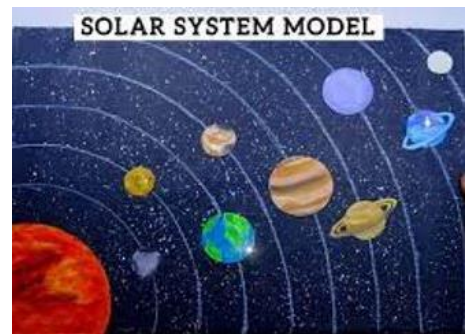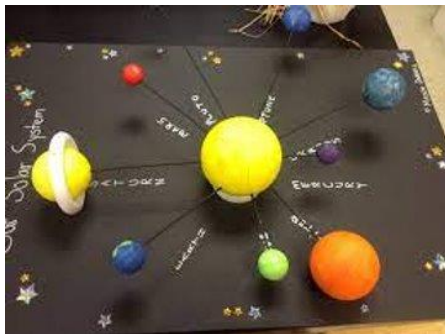
My Solar System Planning Space:

Materials List:
1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

WALT: discover more information about our Earth and our Solar System

Success Criteria:
* I complete basic research about Uranus by using credible sources on the internet
** I can answer the research questions in full sentences
***I can draw Uranus in its correct position in our Solar System

Uranus

- YouTube   https://www.youtube.com/watch?v=xKKzloJgMSQ
- NASA   https://spaceplace.nasa.gov/menu/solar-system/
- Science Kidz   https://www.sciencekids.co.nz/sciencefacts/space/solarsystem.html
- Britannica Kids   https://www.sciencekids.co.nz/sciencefacts/space/solarsystem.html

1. Describe Uranus scientifically. What is it made out of, its colour and its size?

2. How long does Uranus take to rotate on its axis, what does this mean?

3. How long does it take for Uranus to orbit around the sun, what does this mean?

4. How far is Uranus from the Sun, how far is Uranus from Earth?

5. Who discovered Uranus and who or what is it named after?

6. Draw and label a coloured diagram of Uranus in the Solar System.

7. Describe any interesting facts about Uranus.

8. Bibliography – What sources or websites did you use to find your information. (Do not write Google)

Magic Number

Deck of cards – can remove face cards

Skill: Addition and Subtraction

How To:
- Give students a magic number, eg. 43
- Player 1 picks 2 cards and the totals are added together.
- Player 2 picks a card and adds the number to the previous total.
- Player 1 picks a card and its added to the running total.
- Play continues until they get the magic number.
- Students will need to start subtracting as the running total exceeds.
- Game continues until they hit the magic number so they'll need to add and subtract a few times.

Extension:
Leave face cards in as Jack = 11, Queen = 12 and King = 13 and increase the magic number

Magic Number is 43   **Running Total**

Player 1		7 + 4 = 11
Player 2		14
Player 1		24
Player 2		32
Player 1		37
Player 2		45 (total is over so need to subtract next card)
Player 1		43 WINNER!

FRIDAY

Complete at least 2 activities from any of the grids. Take photos or videos and upload them to your Portfolio.

LITERACY GRID

Book Scavenger Hunt

Can you find a book...

- [ ] with an animal main character?
- [ ] that rhymes?
- [ ] about science?
- [ ] you can't wait to read?
- [ ] with no words?
- [ ] about history?
- [ ] with words in another language?
- [ ] with a Z in the title?
- [ ] about a sport?
- [ ] with your favorite illustrations?
- [ ] that's been made into a movie?
- [ ] a blue cover?

Find a quiet place and read for 20 minutes

Complete a Reading Eggs activity or Typing Tournament

Reading eggs | TYPING TOURNAMENT ONLINE

Create a short video (no more than 2 mins) on a topic that interests you

Writing
- Free choice
- Journal reflection
- Thank you letter

SCATTEGORIES

	Letter B	Letter
Boy's Name		
Girl's Name		
Food		
Animal		
Sport		
Country		
Movie/TV Show		
Book		
Character/Celebrity		
Occupation (job)		

MATHS GRID

Play your favourite TEN maths game:

- **Salute**
  (cards above your heard and add or multiply)
- **Beat the Teacher/Family Member**
  (Roll & place numbers on place value grid, highest number wins)

Th	H	T	U

- **Race to 100/1000**
  (Roll dice or flip cards and keep adding till 100/1000. Then subtract to 0)
- **Addition/Subtraction/Multiplication Wars**
  (flip 2 cards each making 2digit number. Add, subtract or multiply. 1st to say answer keeps cards)

Times Table Practice
- Time yourself to see how quickly you can write a set or all times tables.
- Have someone test you.
- Play 'Hit the Button'

Complete a Study Ladder activity

Studyladder

Plan and design your dream bedroom or backyard. Include:
- a labelled diagram/map
- approx costs of items

Maths Scavenger Hunt

A graph	Something shorter than 30cm (use a ruler to help)	A right angle L	An even number
A coin	A circle	Something with symmetry	An array ★★★ ★★★
Perpendicular Lines	A number greater than 20 and less than 50	A date	A fraction $\frac{1}{2}$
Something longer than 1m (use a meter stick to help)	A number smaller than 1	A pattern	A triangle

Create an artwork focusing on symmetry
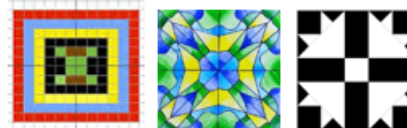
FITNESS GRID (aim for 30 mins activity every day)

Mini Olympics
- Sprints
- Long jump
- Hurdles (jump over pillows)
- Straw javelin
- Basketball / netball (shoot balls or socks into laundry basket or bucket)
- Soccer (dribble ball or socks around obstacles)
- Nerf target shooting

Make an indoor or outdoor obstacle course

Go for a walk, run, bike or scooter ride

Play a game of:
- Handball
- Soccer
- Basketball

Learn a new Just Dance or choreograph your own dance

30 Second Challenges
How many can you do in 30 seconds?
- Push ups
- Sit ups
- Burpees
- 1 handed catches
- Hold a plank
- Hold a wall sit

BE CREATIVE

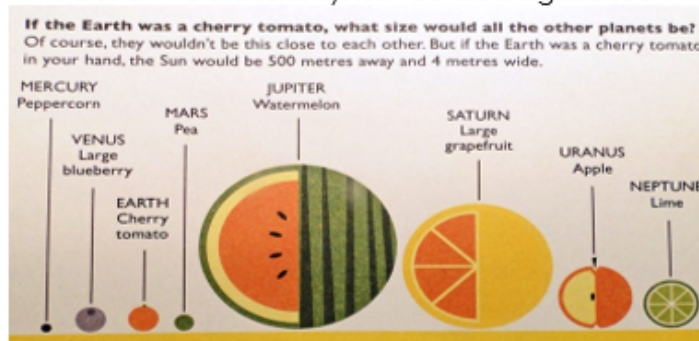|		
How to draw a tree https://youtu.be/u61S7yTL3Dw	Make up a dance, song, poem, rap or a play to perform for your family or record on video	Use a camera, phone or device and take some artistic photos of your favourite subjects.
https://www.google.com/earth/ Type in any address, select street view and explore. Take a virtual trip down the streets and "step" into museums, landmarks, and other attractions. Try: – The Eiffel Tower – Paris, France – The Colosseum – Rome, Italy – Wilson Island – Great Barrier Reef, Australia Search other locations that interest you.	Origami - Free choice - Paper aeroplanes - Chatterbox Red Ted Art https://bit.ly/3xQjknr Art Hub for Kids https://bit.ly/3iUU2QN	How to draw a graffiti can https://youtu.be/w8yYd2kPgEg
Homemade Ice Cream https://www.questacon.edu.au/outreach/programs/science-circus/videos/science-ice-cream	Create a treasure hunt or scavenger hunt	Design and make a bridge that spans 30cm
Make a leaf collage, leaf rubbings or artwork using natural materials.	Build Lego - Tower / castle - Boat that floats - Robot / spaceship - Marble run	Lay outside and see what shapes, animals or pictures you can make from the clouds or stars
Learn something new: - Magic trick - Joke - Say a few words in a different language	Make an edible solar system considering the scale **If the Earth was a cherry tomato, what size would all the other planets be?** Of course, they wouldn't be this close to each other. But if the Earth was a cherry tomato in your hand, the Sun would be 500 metres away and 4 metres wide. MERCURY Peppercorn — JUPITER Watermelon — SATURN Large grapefruit — URANUS Apple — NEPTUNE Lime — VENUS Large blueberry — MARS Pea — EARTH Cherry tomato	

FAMILY FUN

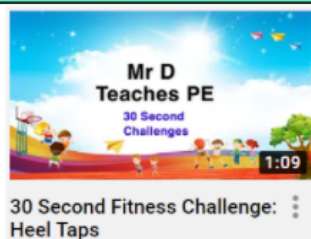|		
Play cards or a board game	Family movie night	Plan a meal or treat for your family. Write the shopping list and research the prices. Bake or cook the meal.

WEEK 9 CHALLENGES		
Physical Challenge	**Word Challenge**	**Picture Challenge**

Physical Challenge

30 Second Fitness Challenge: Heel Taps

https://video.link/w/ODb4c

Word Challenge

Boggle

Make as many words of 3 letters or more as you can.
Bonus – can you find the mystery 9 letter word?

S	O	S
C	A	L
R	M	O

Picture Challenge

What word does this picture make?

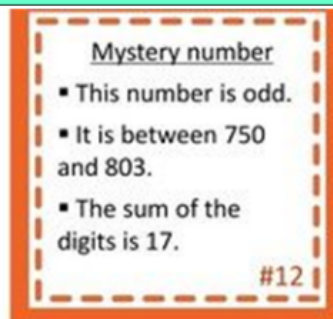| **Maths Challenge**	**Mystery Number Challenge**	**Times Table Challenge**

Maths Challenge

There are 8 marks evenly spaced from each other along a metre ruler.
The first mark is at 27cm.
The eighth mark is at 62cm.

Where, in centimetres, is the third mark?

Mystery Number Challenge

Mystery number
- This number is odd.
- It is between 750 and 803.
- The sum of the digits is 17.

#12

Times Table Challenge

Choose a times table that you need to practice and time how quickly you can say and write them, or ask a family member to test you. Record your best time and try to beat it.
(For extra challenge try doing them out of order.)