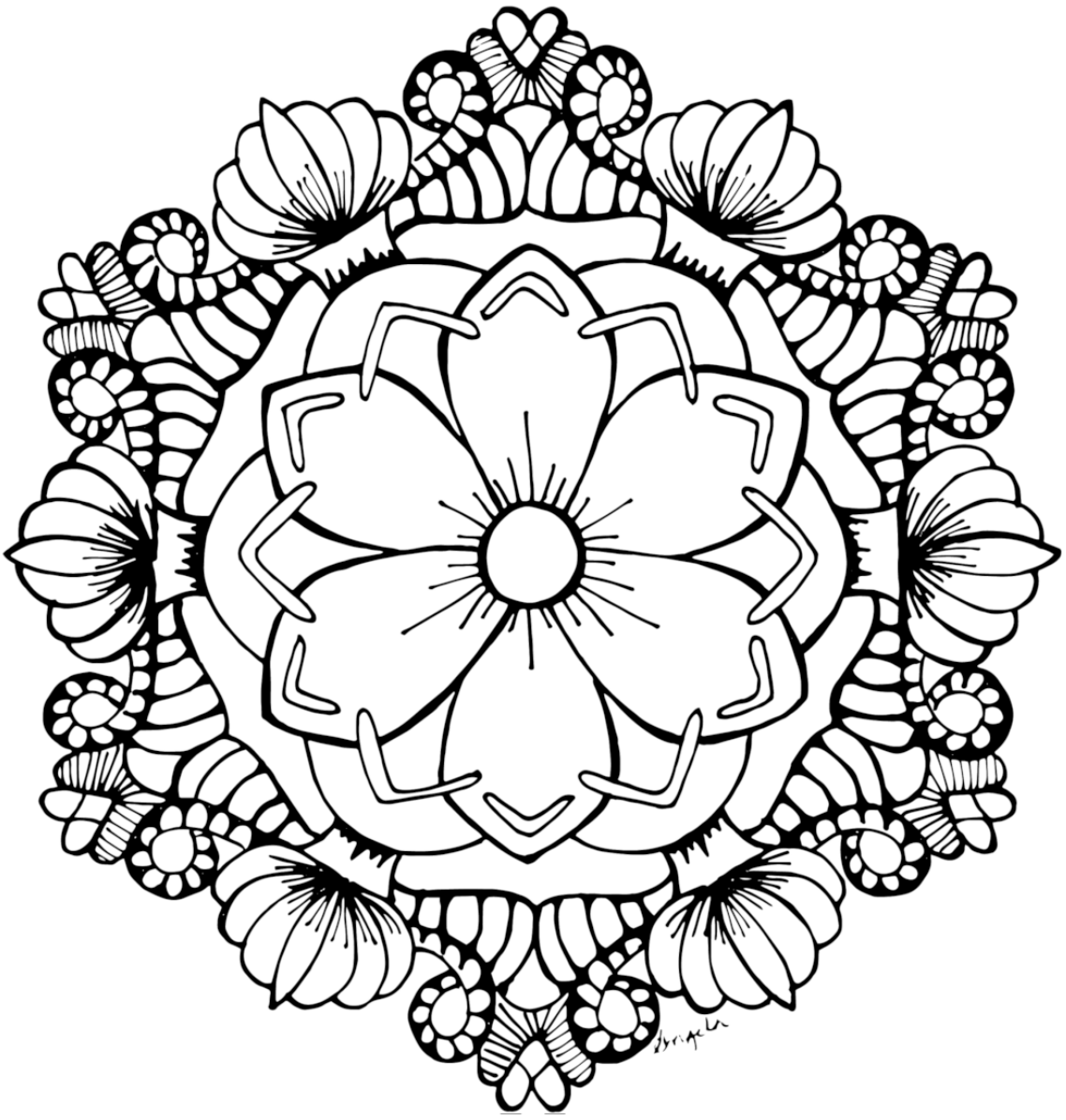
Year 4



Week 8

Year 4 Home Learning Grid Term 3 Week 8

Please note that answers are provided. Remove the answer sheet before giving your child the worksheets.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
ENGLISH	**Reading** • Lexia 20 minutes • Silent Reading 20 minutes (personal choice book or EPIC) **Comprehension** Complete the Super 6 worksheet across the week. Select one PM levelled reader from your Reading Box to use for the activities this week. Before reading, look at the front cover and predict what you think the text will be about. Answer the 'Predicting' questions on the Super 6 Worksheet. Next read the text. 'Monitor' your reading fluency. Does your reading sound expressive or robotic? Are you reading at a steady pace? **Writing** 'Playing outside is more fun than playing inside'. Do you agree or disagree with this statement? Brainstorm reasons for and against and compose a short persuasive text. Think about who your audience is. Remember to use some persuasive devices (e.g. power of 3, strong words, rhetorical questions, facts etc.). **Spelling** Look at your new spelling words for the next 2 weeks -level (1, 2, or 3). Make up a short story using as many words from your list as you can. Make sure you know the correct meaning of the word so you can you it correctly. **Speech** Keep practising your speech. How is your fluency? Think about the smoothness of your delivery. Ask yourself; 'Do I sound bumpy or smooth?' Each time you practice your speech you should be becoming less bumpy (making mistakes) … you should be ironing out the wrinkles!	**Reading** • Lexia 20 minutes • Silent Reading 20 minutes (personal choice book or EPIC) **Comprehension** Continue with the PM levelled text from yesterday. Read the text and answer the 'Making Connections' questions on the Super 6 Worksheet. **Writing** Write a story titled 'The Never-ending Tunnel'. Google images of tunnels or imagine you are walking through a long, dark tunnel. What do you see, hear, feel and what are you thinking?Start with a Ba-Da-Bing or other Sizzling Start but remember to include the correct narrative structure (orientation, complication, resolution). Try to incorporate lots of descriptive language and some dialogue (talking) so that your story is interesting to read. **Spelling** Use a timer and time how long it takes for you to write out your spelling words. **Speech** Keep practising your speech. How is your fluency? Think about the punctuation that you have used in your speech. Are you using the punctuation effectively? **How to Read Punctuation** . stop, take a breath , pause, take a mini breath ? voice goes up, stop ! voice gets louder, stop " " slide into a new voice	**Reading** • Lexia 20 minutes • Silent Reading 20 minutes (personal choice book or EPIC) **Comprehension** Continue with the PM levelled text from yesterday. Read the text and answer the 'Question' prompts on the Super 6 worksheet to find out the questions you have after reading. **Writing** What did you have for breakfast today? Write a procedure numbering and explaining all of the steps you needed to do to make your breakfast. Remember to include lots of detail so that another person could follow the directions if they wanted to. **Spelling** Write your words out in alphabetical order. Now write them out from shortest word to longest word. **Speech** Keep practising your speech. How is your fluency? Think about the pace of your delivery. As you become more familiar with your speech and you start to memorise it (learn parts off by heart) you will be able to control your pace a lot better. You should sound like you are having a conversation with a friend, not like you are reading from an unknown text.	**Reading** • Lexia 20 minutes • Silent Reading 20 minutes (personal choice book or EPIC) **Comprehension** Continue with the PM levelled text from yesterday. Read the text and answer the 'Visualizing' questions to then draw or create a mind map to show what you see as you read in your mind. **Writing** What is your favourite sport to watch? Write a paragraph about that sport and its athletes. Remember to include capital letters at the beginning of your sentences and full stops at the end. **Spelling** Play Fast Finger. Time yourself to see how quickly you can read through your spelling words. Do it again. Did you beat your first time? **Speech** Keep practising your speech. How is your fluency? Think about using/showing expression in your voice. Expression is closely linked to punctuation. Think about what emotion needs to be conveyed during different parts of your speech - adjust your expression accordingly. Ask yourself, 'Can I use pauses for dramatic effect?'	**Reading** • Lexia 20 minutes • Silent Reading 20 minutes (personal choice book or EPIC) **Comprehension** Continue with the PM levelled text from yesterday. Read the text and answer the 'Summarizing' questions on the Super 6 worksheet – they will help you to retell the story from beginning, middle and end. If you did your work online you may turn it in. **Handwriting** Complete the handwriting page. Trace then copy. **Writing** Last week was Book Week. Write a paragraph explaining what is your favourite book character? Why? **Spelling** Guess the Word. Write a clue or two for each word. Ask you mum, dad, brothers or sisters to guess what the word is. Were they able to guess it? **Speech** Keep practising your speech. How is your fluency? Think about the volume of your voice. Ask yourself; Am I... ❑ speaking in a quiet voice? ❑ using a louder voice but I get loud in the wrong places? ❑ using a combination of loud and soft voice? ❑ projecting my voice to the back of the room?

MATHS - Year 4	**Addition** Complete the addition worksheet using five-digit numbers – focus on algorithms. **Multiplication and Division** Watch the videos below. They are also posted in Google Classroom. Then complete the 'Monday Multiplication and Division Worksheet'. https://vimeo.com/580152438/0ac8993f50 https://vimeo.com/580152378/59152a6d1a https://youtu.be/Ls84enRH08Y **Mentals** Complete Monday's questions. **General** Complete 20 mins on Prodigy.	**Subtraction** Complete the subtraction worksheet using five-digit numbers – focus on algorithms. **Measurement & Geometry 45** Watch the video 'Measure Capacities in L and mL': https://vimeo.com/579177845/a9fb45767d Complete Tuesday's Volume and Capacity sheet. **Mentals** Complete Tuesday's questions. **General** Complete 20 mins on Prodigy.	**Rounding Money** Watch this video on 'Rounding Money':- https://www.youtube.com/watch?v=RkNY1IzqMJQ **Multiplication and Division** Watch the video below. It is also posted in Google Classroom. Then complete the 'Wednesday Multiplication and Division Worksheet'. https://youtu.be/ZD11ymhOhE4 **Mentals** Complete Wednesday's questions. **General** Complete 20 mins on Prodigy.	**Money - Problem Solving** Solve problems involving purchases - 'Check Your Change' worksheet. **Measurement & Geometry 45** Watch the video 'Measure Capacities in L and mL': https://vimeo.com/579177845/a9fb45767d Complete Thursday's Volume and Capacity sheet. **Mentals** Complete Thursday's questions. **General** Complete 20 mins on Prodigy.	**Rounding Money** Complete the 'Round to the nearest 5 cents activity':- https://au.ixl.com/maths/year-4/round-to-the-nearest-five-cents **Multiplication and Division** Watch the videos below. They are also posted on Google Classroom. Then complete the 'Friday Multiplication and Division Worksheet'. https://vimeo.com/580152334/d7b00ee939 https://vimeo.com/580152285/1c0ee3d30b https://youtu.be/pbNEKzKpYG4 **Mentals** Complete Friday's questions. **General** Complete 20 mins on Prodigy.

OTHER KLA' S	**History** Complete – Who did Aboriginal and Torres Strait Islander People have contact with before 1788? activity sheet. **PE** **In Google Classroom:** Go to the Games folder and you will find Mr Samuel's basketball YouTube clips. Watch Basketball 1 then practise your basketball skills. **Well-Being** The next two weeks you will be completing a Covid Time Capsule. First read the book 'You Can't See Coronavirus' in Google Classroom. Next colour the Covid Time Capsule cover page.	**Visual Arts** Using line and colour to create the illusion of depth: 1. Trace around your hand and wrist with pencil. 2. Use a ruler and dark pencil/texta to draw straight lines behind your hand outline. Join your straight lines with a slightly curved line. 3. Continue up the page, drawing small, curved lines for each finger. 4. Repeat with different colours to fill in spaces and create a pattern. **PE** **In Google Classroom:** Go to the Games folder and you will find Mr Samuel's basketball YouTube clips. Watch Basketball 2 then practise your basketball skills. **Well-Being** <u>Bounce Back</u> – look at the Bounce Back acronym sheet and as you read it remember all the lessons you have had at Blackwell about being resilient. Bad things don't last, and we can all bounce back! How have you bounced back? Write or draw how you have bounced back recently in the box next to the acronym.	**Drama** THIS IS MY FRIEND. Make a pair with a parent or a sibling. Set a timer for a minute. You need to describe your partner. Make sure you include things that they like and do. Once the timer has finished, swap roles and your partner will describe you. Try and talk for the whole minute! **PE** **In Google Classroom:** Go to the Games folder and you will find Mr Samuel's basketball YouTube clips. Watch Basketball 3 then practise your basketball skills. **Well-Being** Complete the Covid Time Capsule page "You are living through history right now'. Have you been getting the local paper? Have they had articles in it about COVID that you could cut out?	**PD** Today we are going to develop our understanding of growth mindset. Complete the 'Fixed or Growth Mindset?' worksheet. **PE** **In Google Classroom:** Go to the Games folder and you will find Mr Samuel's basketball YouTube clips. Watch Basketball 4 then practise your basketball skills. **Well-Being** <u>Bounce Back</u> - Think about all the ways you have 'bounced back' during this lockdown as you colour the sheet 'Hard Times Don't Last Forever'. Listen to the bounce back song while you are thinking, using the following link: https://www.youtube.com/watch?v=orXNkHkA8V0 Or QR Code:	**Science** Year 3 – Read and complete the 'Figuring out Forces' activity sheet. Year 4 – Complete the 'The Spinning Earth' worksheet to show your understanding of what causes day and night. **PE** **In Google Classroom:** Go to the Games folder and you will find Mr Samuel's basketball YouTube clips. Watch Basketball 5 then practise your basketball skills. **Art / Craft** Choose a card to make for your dad/father/pop/grandpa/someone special for Father's Day **Well-Being** Complete the Covid Time Capsule page "How I'm Feeling'. Talk to a sibling or grown up about your feelings.

MONDAY, TUESDAY and WEDNESDAY – **Comprehension**

Use your PM levelled reader for this week's activities

Book Name	
Monday Predict 	What might happen next? (Look at titles, headings, topic sentences, fact boxes, captions for clues). **I predict**_____
Tuesday Make connections 	What do I already know? Has this happened to me? Have I seen this before in other texts or movies? **My connection is** _____
Wednesday Question 	What are the key words or main ideas? What still puzzles me? What do I need to research? **My question is**_____

2021 T3, W8-9	
YEAR 3 words Choose a level that is not too easy or too hard.	**YEAR 4 words** Choose a level that is not too easy or too hard.
Level 1 still ever eat wanted inside five buzz jazz fizz puzzle	**Level 1** gnaw gnat gnash gnome sign still ever eat wanted inside
Level 2 still ever eat wanted inside frizz puzzle nozzle drizzle blizzard	**Level 2** fourteen Thursday Autumn right wasn't metre millimetre centimetre kilometre decimetre
Level 3 frizz puzzle nozzle drizzle bedazzle blizzard embezzle buzzard dizziness quizzical	**Level 3** gnomelike gnarliest gnashing gnocchi gnawingly millimetre centimetre kilometre decimetre hectometre

Addition

85,762 + 92,978	70,671 + 10,763	47,162 + 22,488
32,409 + 14,873	42,496 + 47,924	59,946 + 45,568
$163.70 + 910.31	$768.51 + 760.73	$251.94 + 653.32

Last week, 13,271 people visited the County Fair. This week, 44,005 people visited the fair. How many people visited the fair during both weeks combined? _____

In October, 86,878 cars drove on Main Street. In November, 28,777 cars drove on Main Street. What is the total number of cars that drove on Main Street during these two months? _____

YEAR 4- WEEK 8- MULTIPLICATION AND DIVISION Video Playlist

Watch the videos before you begin the worksheets each day. They will also be posted in Google Classroom.

Monday Videos

Wednesday Video

Friday Videos

Week 8- Monday- Multiplication and Division Worksheet

YEAR 4- PATTERNS USING MULTIPLICATION and DESCRIBING RULES

Please watch these videos before you begin. They are also posted on Google Classroom for quick access.

Let's make some number patterns and work out the 'rule' that has been used.

3	6	9	12	15
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 3				

21	18	15	12	9
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 3 and subtract from 24				

7	14	21	28	35
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by				

3	6	9	12	15
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by				

40	35	30	25	20
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by ..... and subtract from 45				

60	50	40	30	20
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by ..... and subtract from 70				

MONDAY and TUESDAY – **Mentals**

Monday

1. 30 – 1 = ____

2. 12 + 54 = ____

3. 21 + 59 = ____

4. 5 ÷ 5 = _____

5. 5 ÷ 5 = _____

6. 1420 is an odd number. True or false? _____

7. Complete this counting pattern:
25, 35, 45, 55, _____, _____, _____

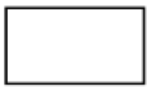
8. I have 40 toy racing cars. Holly has some toy racing cars too. Together we have 130 toy racing cars. How many toy racing cars does Holly have? ____

9. Divide 12 by 3. _____

10. 5 cents + 20 cents = _____

11. Colour in a third of these stars.

12. Colour in a quarter of this shape:



13. How many weeks in a fortnight? _____

14. How many faces does a triangle–based pyramid have? _____

15. Which circle has the lowest chance of being selected? Black or white? _____

Tuesday

1. 34 – 4 = ____

2. 48 + 2 = ____

3. 29 – 5 = ____

4. 33 ÷ 3 = _____

5. 20 ÷ 5 = _____

6. What is the number in the thousands place in 4776?

_____

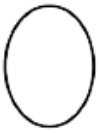
7. Complete this counting pattern:
54, 64, 74, 84, _____, _____, _____

8. What is the difference between 81 and 41? ____

9. Share 21 mangoes between 3 children. _____

10. $2.00 + 20 cents + $1.00 = _____

11. Colour in a quarter of this shape:



12. Colour in a third of these stars.

13. 1 fortnight = _____ weeks

14. A triangular–based prism has _____ corners.

15. Which circle has the lowest chance of being selected? Black or white? _____

Who did Aboriginal and Torres Strait Islander Peoples have contact with before 1788?

We know that some Aboriginal people had contact with traders from Makassar, in Sulawesi, the country now known as Indonesia. These traders sailed from Makassar, along the Western Australian and Northern Territory coasts to north east Arnhem Land.

1

a Use your information sheet and find Makassar. Mark it on the map below.

b Use your information sheet to find and mark Macassan Beach (Garanhan) on the map. Important archaeological finds have been made there. Describe where in Australia it is.

c On the map, draw the route the Makassar traders took to get to Australia.

2 Use your information sheet to answer the following questions.

Why did the Makassar People come to Australia?

What did they trade? Draw and label your answer.

When did the Makassar come to Australia?

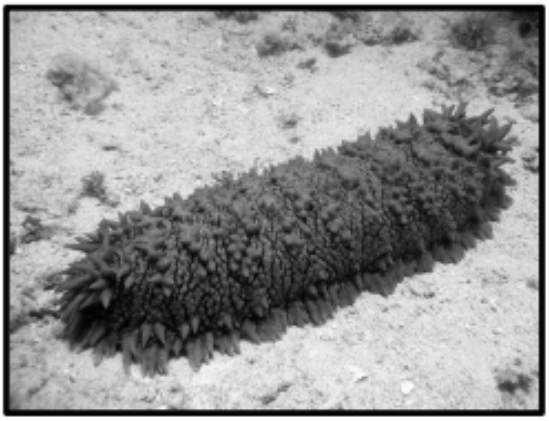
When did they stop coming? Why?

How do you think the Makassar traders and Aboriginal people influenced each other?

Information Sheet - Who did Aboriginal and Torres Strait Islander Peoples have contact with before 1788?

Why did the Makassar People come to Australia?

- The Makassar people of Sulawesi (now Indonesia) came to Australia to trade with the Yolngu Aboriginal people who lived in the North Eastern Tip of Arnham Land in the Northern Territory.



A picture of a Trepang – Sea Cucumber

What did they trade?

- The Makassar people traded with the Aboriginal people for Trepang (sea cucumber)

When did the Makassar come to Australia?

- The Makassar people started sailing to Australia from 1700.

When did they stop coming? Why?

- The Makassar people stopped coming to Australia in 1907. This allowed the local people to harvest Trepang and encouraged a local Trepang (sea cucumber) industry.

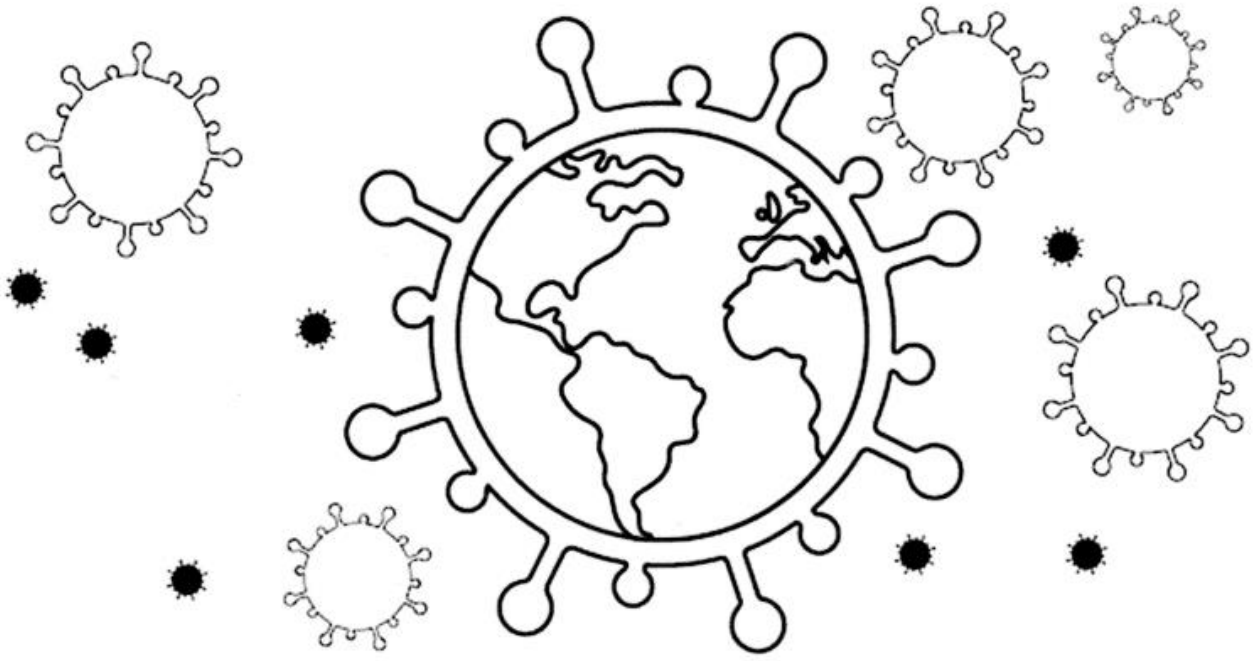
How do you think the Makassar traders and Aboriginal people influenced each other?

- The Makassar traders and Aboriginal people were able to trade with each other. The Makassar people introduced calico, tobacco and metal to the Aboriginal people.
- The introduction of metal (blades, knives and axes) made everyday practices (cutting food, making large dugout canoes, creating wooden sculptures) easier for the Yolngu people.

Trade Route Makassar traders took to get to Australia

MONDAY – **Well-Being**

MY 2021 COVID-19 TIME CAPSULE



BY: _____

Subtraction

48,505 - 14,335	49,835 - 36,404	60,106 - 14,522
97,861 - 15,254	28,099 - 23,073	30,219 - 24,424
53,741 - 39,212	53,446 - 29,643	43,962 - 26,323
60,270 - 44,383	74,936 - 52,041	29,644 - 24,235
$507.55 - 114.98	$225.62 - 181.84	$712.29 - 381.94

TUESDAY – **Volume and Capacity**

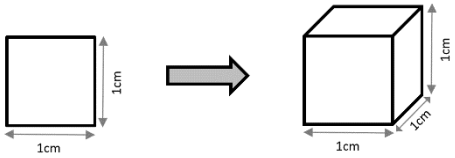
Watch the video 'Measure Capacities of Containers in Litres and Millilitres', and use the words in the word bank to help you answer the questions below.

dimension	volume	back
centimetres	three	cube
measure	same	space

Volume is the amount of _____ an object takes up in _____ dimensions.

Capacity is the _____ a container can hold when it is filled to capacity.

We can _____ the volume and capacity of objects with flat surfaces and straight lines using cubic _____. The cubic centimetre is constructed by adding another _____ to a square centimetre to make a cube.



A cubic centimetre is a _____ with each dimension one centimetre long. A cubic centimetre has three dimensions, because it goes up and down, left to right, and front to _____.

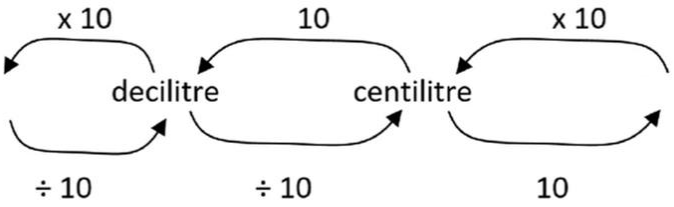
If an object or container's surfaces are thin, the volume they can hold (their capacity), and the amount of space they take up (their volume) is almost the _____.

Cross out the incorrect words in the statement below.

Cubic centimetres are great/not so great to measure the volume and capacity of objects with flat/curved surfaces and straight/curved lines because we can/cannot make the object out of cubes, nor pack it with cubes.

Fill in the missing words/symbols.

We can measure the volume and capacity of objects with curved surfaces and curved lines using water measured in millilitres and litres. _____ (mL) and _____ (L) are created based on multiplicative place value by multiplying and dividing by ten.



There are 1000 millilitres in a litre (i.e. 1L = 1000mL).

Draw a line to connect the capacities that are written as millilitres and as fractions of a litre.

1000mL	$\frac{1}{2}$ L
500mL	$\frac{3}{4}$ L
250mL	1L
750mL	$\frac{1}{4}$ L

BLM **2.1**

BOUNCE!

When you feel unhappy, you can BOUNCE back again and feel better.

Bad feelings always go away again.

Other people can help you feel better if you talk to them.

Unhelpful thinking makes you feel more upset. Think again.

Nobody is perfect. Mistakes help you learn.

Concentrate on the good things and have a laugh.

Everybody feels sad and worried sometimes, not just you.

Draw or write some sentences about how you have ‘ bounced back’ :

WEDNESDAY – **Rounding Money**

Rounding Money to the Nearest 5 Cents

Round the following amounts to the nearest 5c:-

$0.64 = _____

$0.96 = _____

$5.31 = _____

$8.59 = _____

$3.43 = _____

$4.27 = _____

$2.12 = _____

$6.46 = _____

$73.68 = _____

$192.80 = _____

$474.04 = _____

$4803.55 = _____

Wednesday- Week 8-
Multiplication using Number Lines

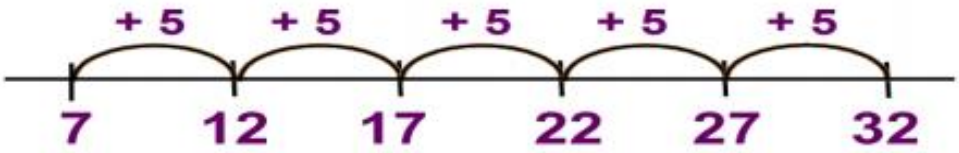
Multiplication using Number Lines

Today, you are going to make some number patterns of your own using number lines. Watch the video for instructions. You can find the video on Google Classroom or the QR CODES on the 'MULTIPLICATION AND DIVISION Video Playlist' sheet.

On the number lines below, follow these rules:

a. **Start at 0 and make 5 jumps of 3.**
b. **Start at 0 and make 5 jumps of 8.**
c. **Start at 36 and make 5 jumps of 6.**
d. **Start at 57 and make 5 jumps of 4.**
e. **Start at 45 and make 5 jumps of 8.**
f. **Start at 452 and make 5 jumps of 2.**

Here is an example: Start at 7 and make 5 jumps of 5.



Wednesday

1. 17 – 7 = ____

2. 17 + 32 = ____

3. 46 – 8 = ____

4. 50 ÷ 10 = _____

5. 50 ÷ 10 = _____

6. Write the number showing 1 hundreds, 8 tens and 5 ones.

_____

7. Complete this counting pattern:
11, 14, 17, 20, _____, _____, _____

8. I have 38 match sticks. Julia has some match sticks too. Together we have 121 match sticks. How many match sticks does Julia have? ____

9. Divide 6 by 3. _____

10. $1.00 + 5 cents = _____

11. Colour in an eighth of these circles.

12. Colour in a quarter of these stars.

13. 1 day = _____ hours

14. What is the name of this 3D object?

_____

15. Which star has the highest chance of being selected? Black or white? _____

Thursday

1. 99 + 79 = ____

2. 55 – 9 = ____

3. 66 – 2 = ____

4. 35 ÷ 5 = _____

5. 5 ÷ 5 = _____

6. 917 = _____ hundreds, _____ tens, _____ ones.

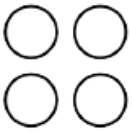
7. Complete this counting pattern:
89, 92, 95, 98, _____, _____, _____

8. What is the difference between 90 and 16? ____

9. Share $74 between 2 children. _____

10. 10 cents + 5 cents + $2.00 = _____

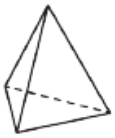
11. Colour in a quarter of these circles.



12. Colour in a third of these circles.

13. 1 fortnight = _____ weeks

14. A triangle-based pyramid has _____ corners.



15. Which circle has the highest chance of being selected? Black or white? _____

teachstarter

WEDNESDAY – **Well-Being**

YOU ARE LIVING THROUGH HISTORY RIGHT NOW

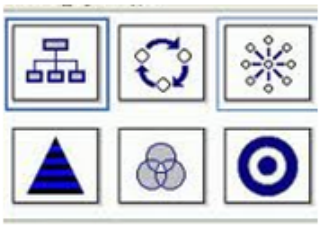
TAKE A MOMENT TO FILL IN THESE PAGES FOR YOUR FUTURE SELF TO LOOK BACK ON. AND HERE ARE SOME OTHER IDEAS OF THINGS TO INCLUDE:

- ☐ SOME PHOTOS FROM THIS TIME
- ☐ A JOURNAL OF YOUR DAYS
- ☐ LOCAL NEWSPAPER PAGES OR CLIPPING
- ☐ ANY ART WORK YOU CREATED
- ☐ FAMILY / PET PICTURES
- ☐ SPECIAL MEMORIES

DRAW A PICTURE OF THE PEOPLE YOU ARE SOCIAL DISTANCING WITH HERE

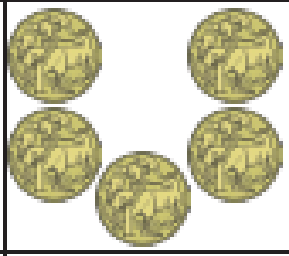
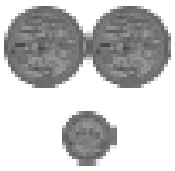
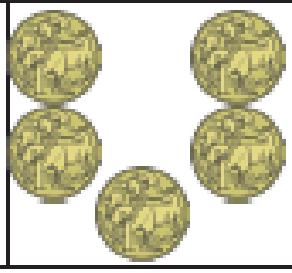
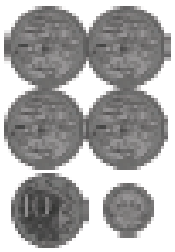
PAGES BY LONG CREATIONS

THURSDAY and FRIDAY – **Comprehension**

Thursday Visualise 	As you are reading, which picture have you just made in your head? What do you think the characters looks like if they were in real life? Draw the main ideas using a flowchart / mind map / drawing of the picture in your head?
Friday Summarise / Evaluate 	What was it about? What are the main ideas? What is most important here? Can I retell the story? **Beginning**_____ **Middle**_____ **End**_____

THURSDAY – **Money – Problem Solving**

Check Your Change

You Buy	You Pay	Your Change	Correct or Incorrect (✓/x)	Correct Change	Correct Change as Coins
					
					

Challenge!

What would you say to the shopkeeper if your change was incorrect? Work out how much more money you need from the shopkeeper or how much money you need to give back for each incorrect transaction.

THURSDAY – **Volume and Capacity**

Use the numbers 1 to 5 to order these objects according to their capacity, from the least to the greatest.

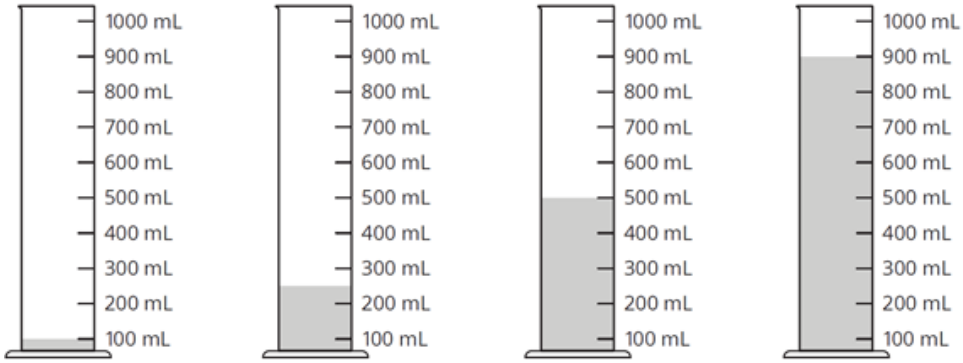
_____	_____	_____	_____	_____
1 L	250 mL	600 mL	700 mL	0.5 L

Using the objects above, record how many more millilitres are needed to make 1 litre.

Container	Capacity	Millilitres to 1 Litre
Milk carton	1L	
Glass of juice	250mL	
Teapot	600mL	
Water bottle	700mL	
Sauce bottle	0.5L	

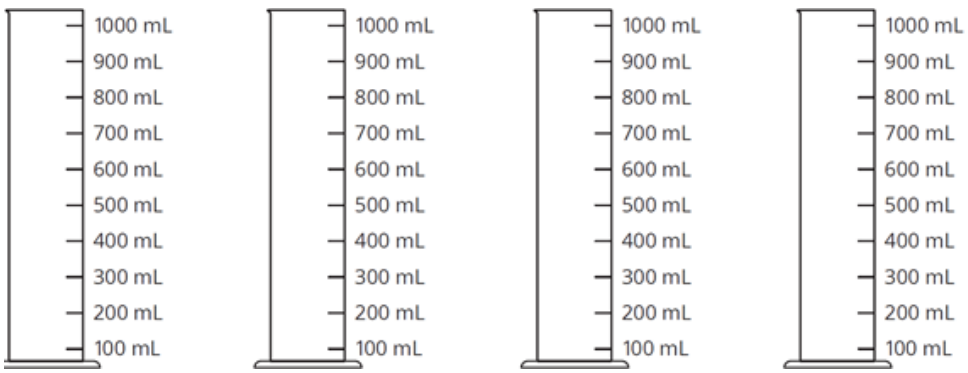
Record the capacity of each jug to the nearest millilitre.

a) _____mL b) _____mL c) _____mL d) _____mL



Colour the measuring jugs below to show the correct capacity in millilitres.

a) 150mL b) 300mL c) 450mL d) 800mL



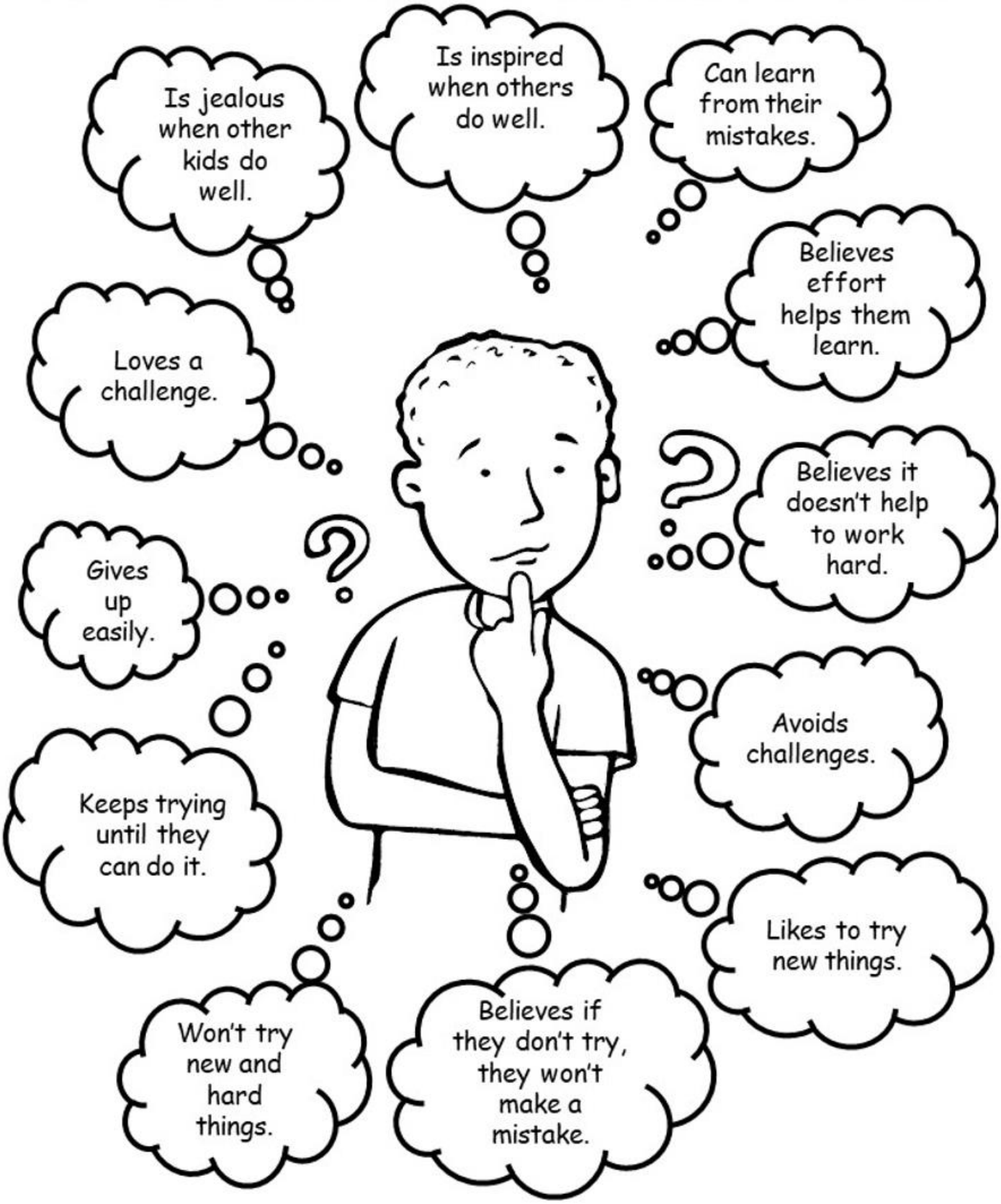
THURSDAY – **PD**

Fixed or Growth Mindset?

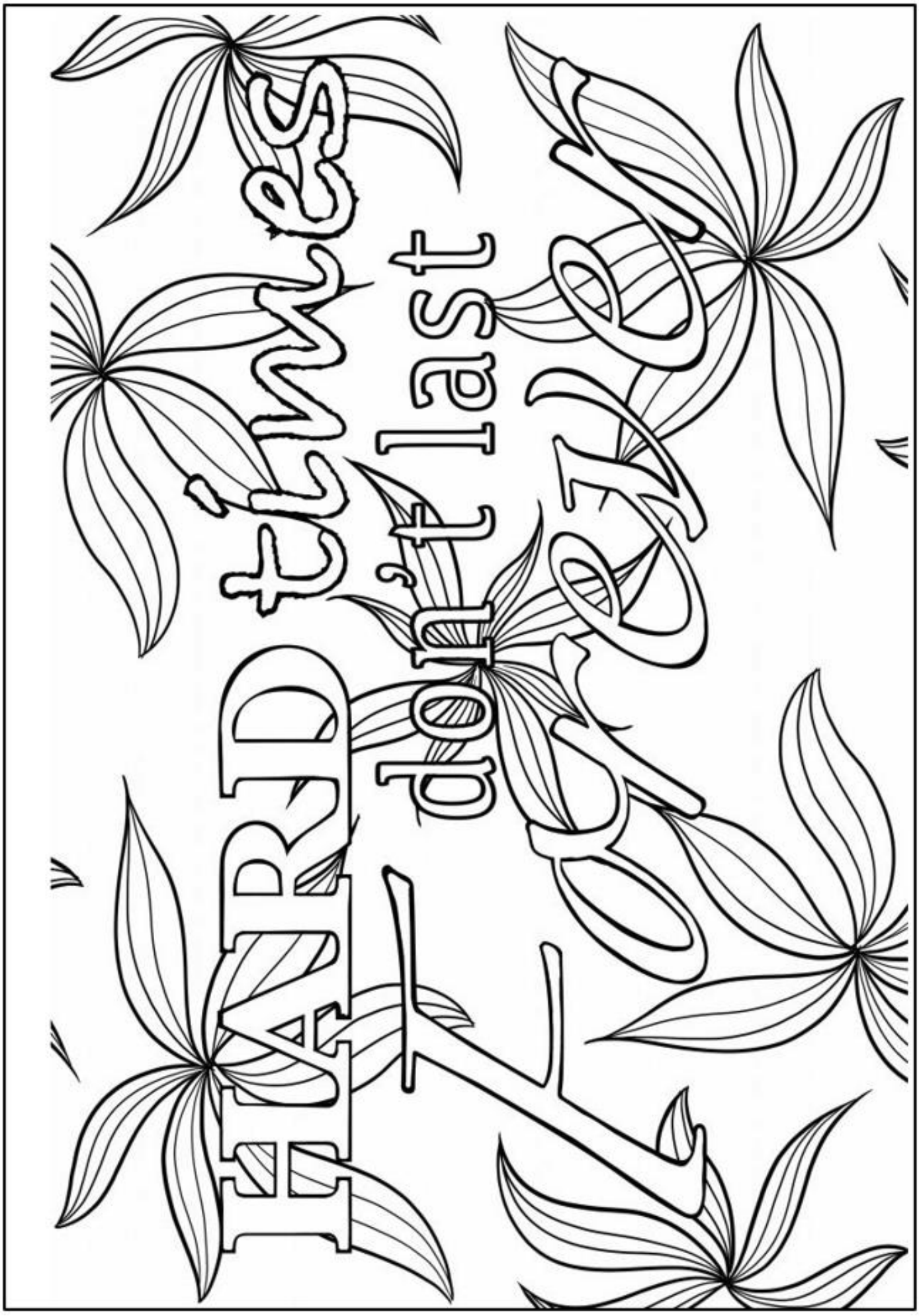
At Blackwell Public School, we try to be people who think with a growth mindset.

Someone with a growth mindset is willing to make mistakes and learn from them. They never give up and always have a go at new things. Let's see if you can determine which ones are a 'fixed mindset' and which ones are a 'growth mindset'.

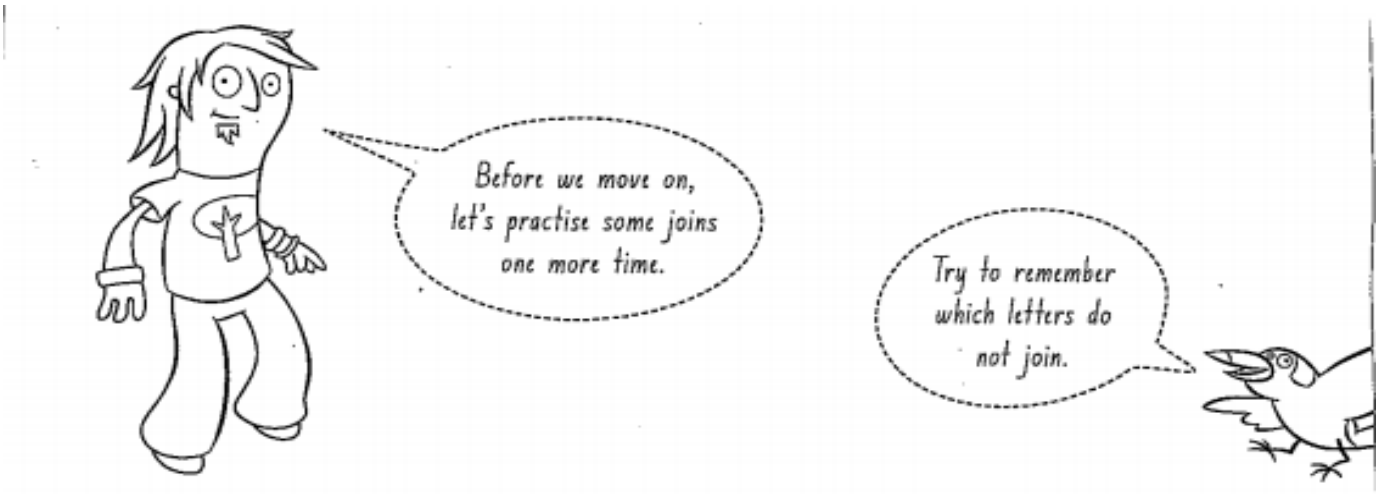
Colour in the 'fixed mindset' thought bubbles in red and the 'growth mindset' thought bubbles in green.



THURSDAY – **Well-Being**



FRIDAY – **Handwriting**



Rewrite these words using cursive handwriting.

holiday adventure travel Australia

exciting highway island ocean polyps

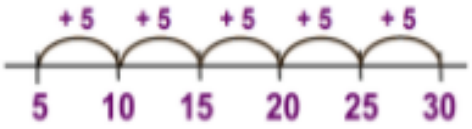
starfish creatures organisms stunning

energy water gorges mountains reef

lakes rivers desert storm coast

YEAR 4- PATTERNS USING MULTIPLICATION and DESCRIBING RULES

Watch the video for instructions. You can find the video on Google Classroom or the QR CODES on the 'MULTIPLICATION AND DIVISION Video Playlist' sheet. Look carefully at the number line patterns and follow the rule to find the 'terms' in the table. The first one of each has been done for you.



5, 10, 15, 20, 25, 30, ...

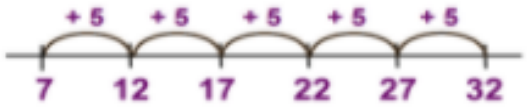
Rule: multiply term by 5

Term 1: 1 x 5 = 5
Term 2: 2 x 5 = 10
Term 3: 3 x 5 = 15

10th Term: 10 x 5 = 50

Following this number pattern above, find the:

13th Term	13 x 5 = 65
11th Term	
14th Term	
7th Term	
17th Term	
5th Term	



7, 12, 17, 22, 27, 32, ...

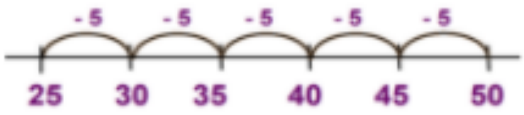
Rule: multiply term by 5, then add 2

Term 1: 1 x 5 = 5 5 + 2 = 7
Term 2: 2 x 5 = 10 10 + 2 = 12
Term 3: 3 x 5 = 15 15 + 2 = 17

10th Term: 10 x 5 = 50 50 + 2 = 52

Following this number pattern above, find the:

13th Term	13 x 5= 65 65 + 2 = 67
11th Term	
14th Term	
7th Term	
17th Term	
5th Term	



50, 45, 40, 35, 30, 25, ...

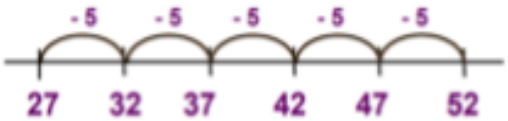
Rule: multiply term by 5, then subtract from 55

Term 1: 1 x 5 = 5 55 - 5 = 50
Term 2: 2 x 5 = 10 55 - 10 = 45
Term 3: 3 x 5 = 15 55 - 15 = 40

10th Term: 10 x 5 = 50 55 - 50 = 5

Following this number pattern above, find the:

9th Term	9 x 5 = 45 55 – 45 = 10
6th Term	
8th Term	
4th Term	
7th Term	
5th Term	



52, 47, 42, 37, 32, 27, ...

Rule: multiply term by 5, then subtract from 57

Term 1: 1 x 5 = 5 57 - 5 = 52
Term 2: 2 x 5 = 10 57 - 10 = 47
Term 3: 3 x 5 = 15 57 - 15 = 42

10th Term: 10 x 5 = 50 57 - 50 = 7

Following this number pattern above, find the:

9th Term	9 x 5 = 45 57– 45 = 12
6th Term	
8th Term	
4th Term	
7th Term	
5th Term	

FRIDAY – **Mentals**

Friday

1. 94 + 58 = ____

2. 75 – 5 = ____

3. 96 – 2 = ____

4. 45 ÷ 5 = _____

5. 0 ÷ 10 = _____

6. Write the largest number you can using: 8, 8, 3.

_____

7. Complete this counting pattern:
56, 58, 60, 62, _____, _____, _____

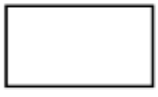
8. Nicholas has 20 peaches. Charlotte has 16 apricots. Riley has 9 strawberries. How many pieces of fruit do they have altogether? ____

9. Share $6 between 3 children. _____

10. 20 cents + $1.00 + $2.00 = _____

11. Colour in a third of these circles.

12. Colour in a quarter of this shape:



13. 1 hour = _____ minutes

14. A triangle-based pyramid has _____ corners.

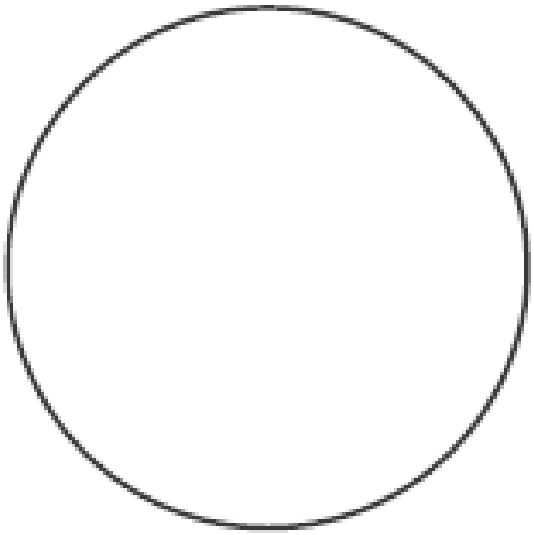
15. Which star has the highest chance of being selected? Black or white? _____

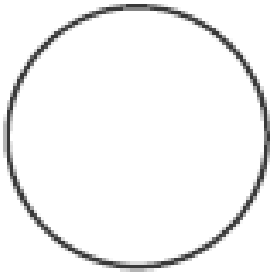
FRIDAY – **Science**

The spinning Earth

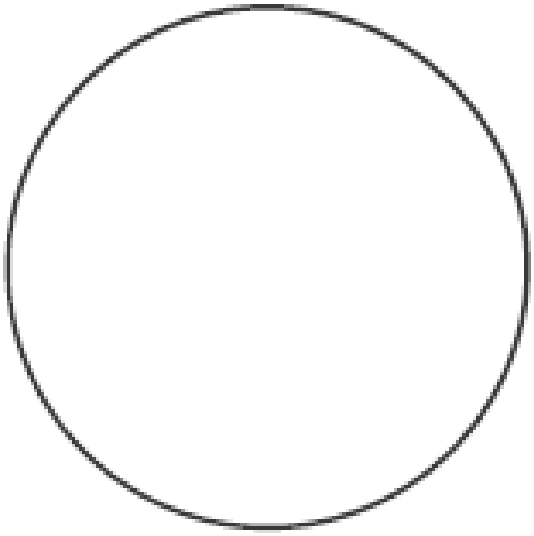
Name: _____ Date: _____

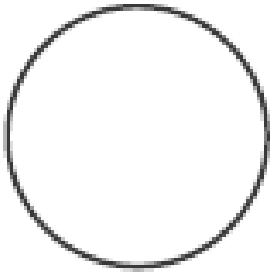
Where I am when it is day-time



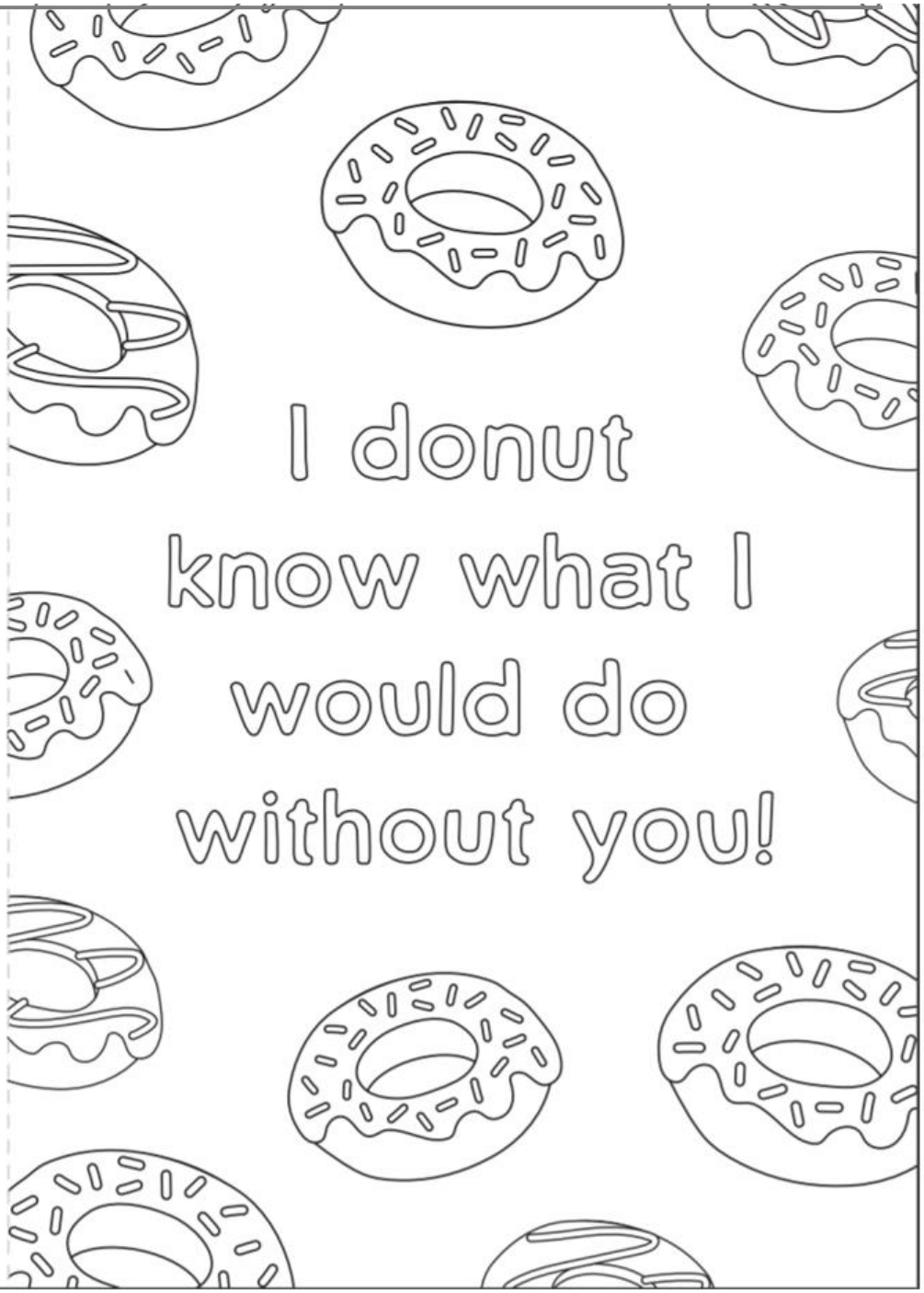


Where I am when it is night-time

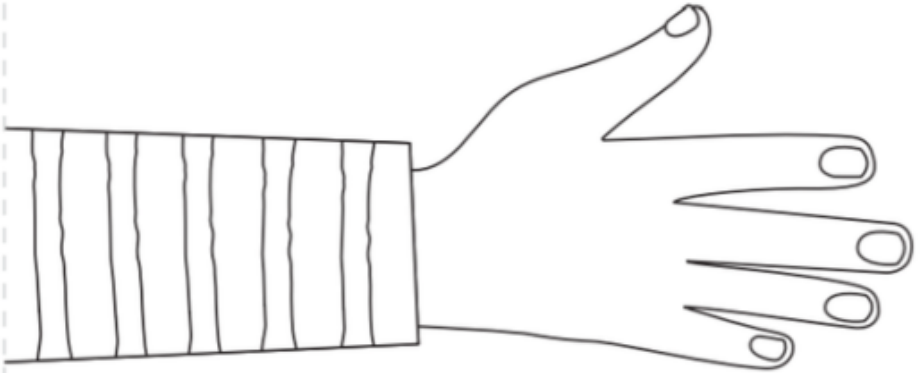




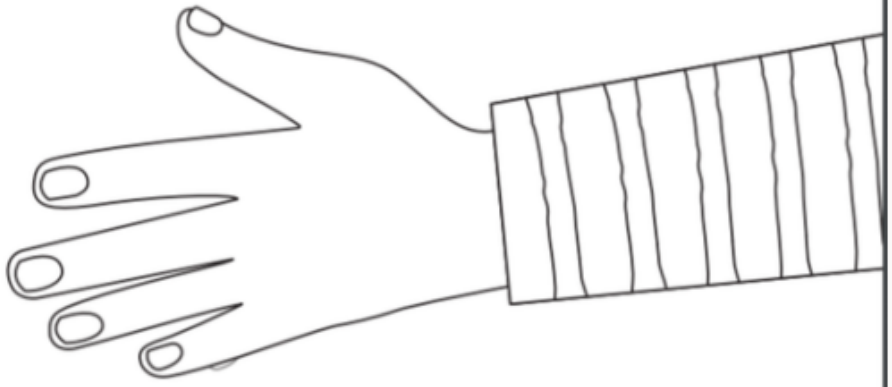
Copyright © Australian Academy of Science, 2020.



teachstarter



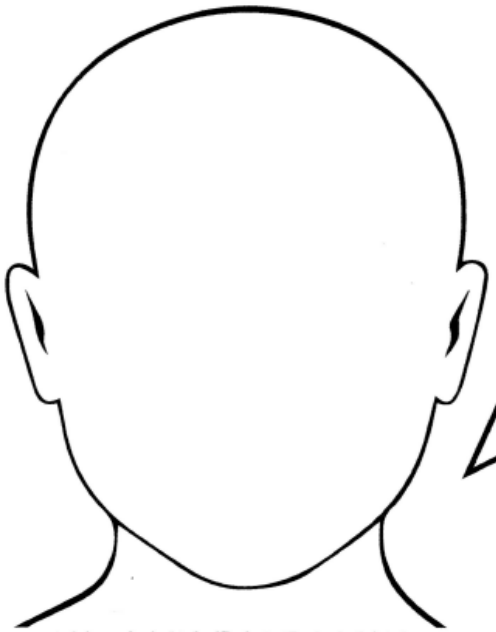
BIG HUGS



teachstarter

FRIDAY – **Well-Being**

HOW I'M FEELING



WORDS TO DESCRIBE HOW I FEEL:

HOW MY FACE LOOKS

I AM MOST THANKFUL FOR

WHAT I HAVE LEARNT MOST FROM THIS EXPERIENCE:

THE 3 THINGS I AM MOST EXCITED TO DO WHEN THIS IS OVER:

1

2

3

PAGES BY LONG CREATIONS

Answer Booklet

ANSWERS – Year 4 Term 3 Week 8

Monday – Addition Answers

Addition

85,762 + 92,978 **178,740**	70,671 + 10,763 **81,434**	47,162 + 22,488 **69,650**
32,409 + 14,873 **47,282**	42,496 + 47,924 **90,420**	59,946 + 45,568 **105,514**
$163.70 + 910.31 **$1,074.01**	$768.51 + 760.73 **$1,529.24**	$251.94 + 653.32 **$905.26**

Last week, 13,271 people visited the County Fair. This week, 44,005 people visited the fair. How many people visited the fair during both weeks combined?

57,276

In October, 86,878 cars drove on Main Street. In November, 28,777 cars drove on Main Street. What is the total number of cars that drove on Main Street during these two months?

115,655

Monday – Multiplication and Division Worksheet Answers

Week 8- Monday- Multiplication and Division Worksheet

YEAR 4- PATTERNS USING MULTIPLICATION and DESCRIBING RULES

Please watch these videos before you begin. They are also posted on Google Classroom for quick access.

Let's make some number patterns and work out the 'rule' that has been used.

3	6	9	12	15
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 3				

21	18	15	12	9
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 3 and subtract from 24				

7	14	21	28	35
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 7				

3	6	9	12	15
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 3				

40	35	30	25	20
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 5 and subtract from 45				

60	50	40	30	20
Term 1	Term 2	Term 3	Term 4	Term 5
Rule: Multiply the term by 10 and subtract from 70				

Monday – Mentals Answers

Monday

1. 29

2. 66

3. 80

4. 1

5. 1

6. False

7. 25, 35, 45, 55, 65, 75, 85

8. Holly has 90 toy racing cars

9. 4

10. 25 cents

11. A third of the stars are coloured in.

12. A quarter of the rectangle should be coloured in.

13. 2 weeks

14. 4 faces

15. Black

Monday - History Answers

Who did Aboriginal and Torres Strait Islander Peoples have contact with before 1788?

We know that some Aboriginal people had contact with traders from Makassar, in Sulawesi, the country now known as Indonesia. These traders sailed from Makassar, along the Western Australian and Northern Territory coasts to north east Arnhem Land.

1

a Use your information sheet and find Makassar. Mark it on the map below.

b Use your information sheet to find and mark Macassan Beach (Garanhan) on the map. Important archaeological finds have been made there. Describe where in Australia it is.

North Eastern tip of Arnhem Land in the Northern Territory.

c On the map, draw the route the Makassar traders took to get to Australia.

2 Use your information sheet to answer the following questions.

Why did the Makassar People come to Australia?

To trade with the Yolngu people from the North of Australia.

What did they trade? Draw and label your answer.

Trepang (sea cucumber)

When did the Makassar come to Australia?

From 1700

When did they stop coming? Why?

1907 – to allow the local people to harvest the Trepang.

How do you think the Makassar traders and Aboriginal people influenced each other?

Traded, gave them calico, tobacco and introduced metal. This made life easier for the local people.

Tuesday – Subtraction Answers

Subtraction

48,505 - 14,335 **34,170**	49,835 - 36,404 **13,431**	60,106 - 14,522 **45,584**
97,861 - 15,254 **82,607**	28,099 - 23,073 **5,026**	30,219 - 24,424 **5,795**
53,741 - 39,212 **14,529**	53,446 - 29,643 **23,803**	43,962 - 26,323 **17,639**
60,270 - 44,383 **15,887**	74,936 - 52,041 **22,895**	29,644 - 24,235 **5,409**
$507.55 - 114.98 **$392.57**	$225.62 - 181.84 **$43.78**	$712.29 - 381.94 **$330.35**

Tuesday – Volume and Capacity Answers

Volume is the amount of space an object takes up in three dimensions.

Capacity is the volume a container can hold when it is filled to capacity.

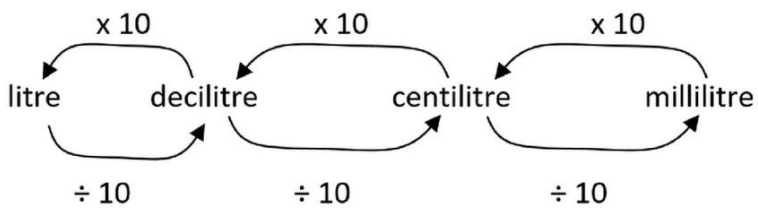
We can measure the volume and capacity of objects with flat surfaces and straight lines using cubic centimetres. The cubic centimetre is constructed by adding another dimension to a square centimetre to make a cube.

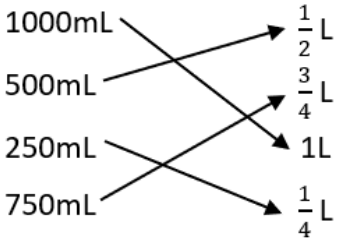
A cubic centimetre is a cube with each dimension one centimetre long. A cubic centimetre has three dimensions, because it goes up and down, left to right, and front to back.

If an object or container's surfaces are thin, the volume they can hold (their capacity), and the amount of space they take up (their volume) is almost the same.

Cubic centimetres are ~~great/~~not so great to measure the volume and capacity of objects with ~~flat/~~curved surfaces and ~~straight/~~curved lines because we ~~can/~~cannot make the object out of cubes, nor pack it with cubes.

We can measure the volume and capacity of objects with curved surfaces and curved lines using water measured in millilitres and litres. Millilitres (mL) and litres (L) are created based on multiplicative place value by multiplying and dividing by ten.





Tuesday – Mentals Answers

Tuesday

1. 30

2. 50

3. 24

4. 11

5. 4

6. 4776: The number in the thousands place is 4.

7. 54, 64, 74, 84, 94, 104, 114

8. 40

9. 7 mangoes each.

10. $3.20

11. A quarter of the oval should be coloured in.

12. A third of the stars are coloured in.

13. 2 weeks

14. 6 corners

15. Black

Wednesday – Rounding Money Answers

Rounding Money to the Nearest 5 Cents – Answers

Round the following amounts to the nearest 5c:-

$0.64 = $0.65	$2.12 = $2.10
$0.96 = $0.95	$6.46 = $6.45
$5.31 = $5.30	$73.68 = $73.70
$8.59 = $8.60	$192.80 = $192.80
$3.43 = $3.45	$474.04 = $474.05
$4.27 = $4.25	$4803.55 = $4803.55

Wednesday – Multiplication and Division Answers

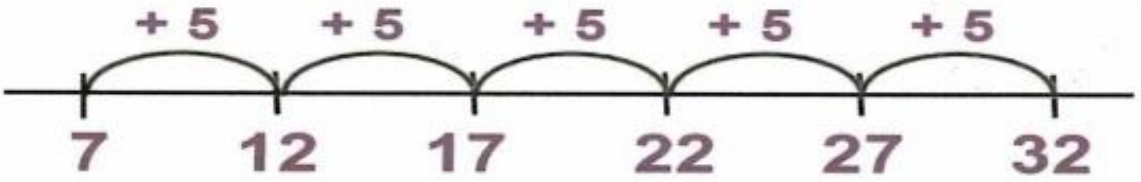
Multiplication using Number Lines Answers

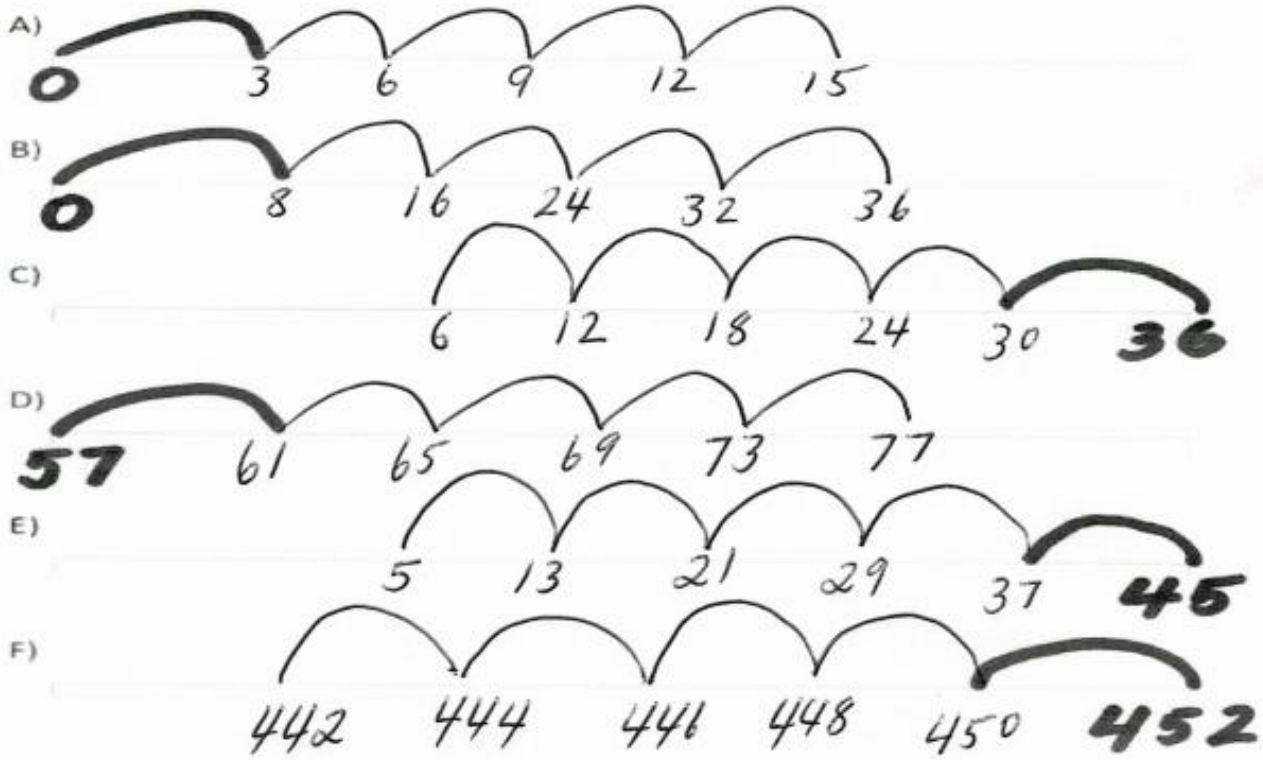
Today, you are going to make some number patterns of your own using number lines.

On the number lines below, follow these rules:

a. **Start at 0 and make 5 jumps of 3.**
b. **Start at 0 and make 5 jumps of 8.**
c. **Start at 36 and make 5 jumps of 6.**
d. **Start at 57 and make 5 jumps of 4.**
e. **Start at 45 and make 5 jumps of 8.**
f. **Start at 452 and make 5 jumps of 2.**

Here is an example: Start at 7 and make 5 jumps of 5.





Wednesday – Mentals Answers

Wednesday

1. 10

2. 49

3. 38

4. 5

5. 5

6. 185

7. 11, 14, 17, 20, 23, 26, 29

8. Julia has 83 match sticks

9. 2

10. $1.05

11. An eighth of the circles are coloured in.

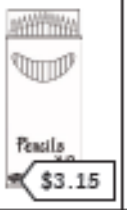
12. A quarter of the stars are coloured in.

13. 24 hours

14. Cylinder

15. White

Thursday – Money – Problem Solving Answers

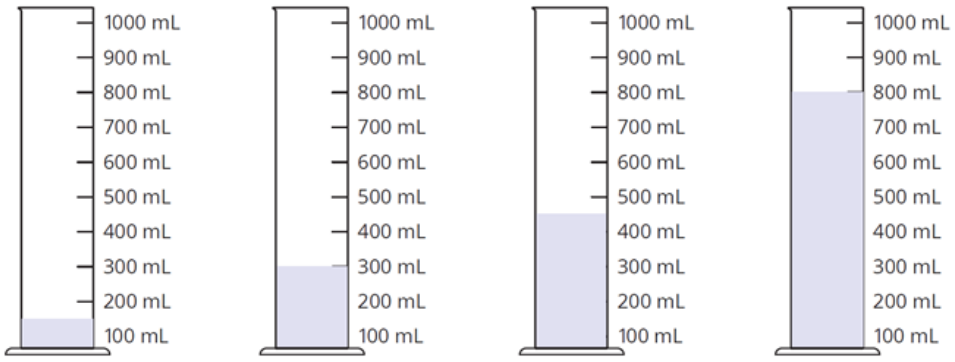
You Buy	You Pay	Your Change	Correct or Incorrect (✓/x)	Correct Change	Correct Change as Coins	Money Owed to You or Shopkeeper
			x	$0.15	Teachers check- answers may vary	Return 30c to the shopkeeper
			x	$1.85	Teachers check- answers may vary	shopkeeper to give you $1
			✓	$1.40	Teachers check- answers may vary	-
			✓	$0.45	Teachers check- answers may vary	-
			✓	$0.95	Teachers check- answers may vary	-

Thursday – Volume and Capacity Answers

5, 1, 3, 4, 2

0mL, 750mL, 400mL, 300mL, 500mL

100mL, 250mL, 500mL, 900mL



Thursday – Mentals Answers

Thursday

1. 178

2. 46

3. 64

4. 7

5. 1

6. 9 hundreds, 1 tens, 7 ones.

7. 89, 92, 95, 98, 101, 104, 107

8. 74

9. $37 each.

10. $2.15

11. A quarter of the circles are coloured in.

12. A third of the circles are coloured in.

13. 2 weeks

14. 4 corners

15. Black

Thursday – PD Answers

Fixed or Growth Mindset? Answers

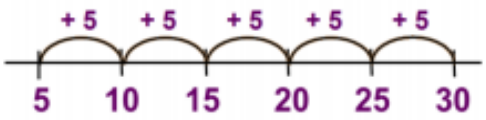
Growth Mindset	Fixed Mindset
✓ Is inspired when others do well.	× Is jealous when other kids do well.
✓ Loves a challenge.	× Gives up easily.
✓ Keeps trying until they can do it.	× Won't try new and hard things
✓ Can learn from their mistakes.	× Believes it doesn't help to work hard.
✓ Believes effort helps them learn.	× Avoids challenges.
✓ Likes to try new things	× Believes if they don't try, they won't make a mistake.

Friday – Multiplication and Division Answers

Week 8- Friday- Multiplication and Division Worksheet

YEAR 4- PATTERNS USING MULTIPLICATION and DESCRIBING RULES

Look carefully at the number line patterns and follow the rule to find the 'terms' in the table. The first one of each has been done for you.



5, 10, 15, 20, 25, 30, ...

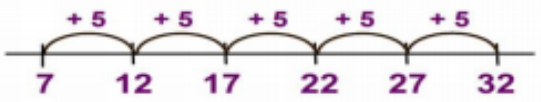
Rule: multiply term by 5

Term 1: 1 x 5 = 5
Term 2: 2 x 5 = 10
Term 3: 3 x 5 = 15

10th Term: 10 x 5 = 50

Following this number pattern above, find the:

13th Term	13 x 5 = 65
11th Term	11 x 5 = 55
14th Term	14 x 5 = 70
7th Term	7 x 5 = 35
17th Term	17 x 5 = 85
5th Term	5 x 5 = 25



7, 12, 17, 22, 27, 32, ...

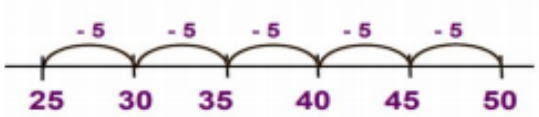
Rule: multiply term by 5, then add 2

Term 1: 1 x 5 = 5 5 + 2 = 7
Term 2: 2 x 5 = 10 10 + 2 = 12
Term 3: 3 x 5 = 15 15 + 2 = 17

10th Term: 10 x 5 = 50 50 + 2 = 52

Following this number pattern above, find the:

13th Term	13 x 5= 65	65 + 2 = 67
11th Term	11 x 5 = 55	55 + 2 = 57
14th Term	14 x 5 = 70	70 + 2 = 72
7th Term	7 x 5 = 35	35 + 2 = 37
17th Term	17 x 5 = 85	85 + 2 =87
5th Term	5 x 5 = 25	25 + 2 = 27



50, 45, 40, 35, 30, 25, ...

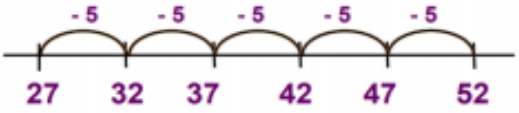
Rule: multiply term by 5, then subtract from 55

Term 1: 1 x 5 = 5 55 - 5 = 50
Term 2: 2 x 5 = 10 55 - 10 = 45
Term 3: 3 x 5 = 15 55 - 15 = 40

10th Term: 10 x 5 = 50 55 - 50 = 5

Following this number pattern above, find the:

9th Term	9 x 5 = 45	55 – 45 = 10
6th Term	6 x 5 = 30	55 – 30 = 25
8th Term	8 x 5 = 40	55 – 40 = 15
4th Term	4 x 5 = 20	55 – 20 = 35
7th Term	7 x 5 =35	55 – 35 = 20
5th Term	5 x 5 = 25	55 – 25 = 30



52, 47, 42, 37, 32, 27, ...

Rule: multiply term by 5, then subtract from 57

Term 1: 1 x 5 = 5 57 - 5 = 52
Term 2: 2 x 5 = 10 57 - 10 = 47
Term 3: 3 x 5 = 15 57 - 15 = 42

10th Term: 10 x 5 = 50 57 - 50 = 7

Following this number pattern above, find the:

9th Term	9 x 5 = 45	57– 45 = 12
6th Term	6 x 5 = 30	57 – 30 = 27
8th Term	8 x 5 = 40	57 – 40 = 37
4th Term	4 x 5 = 20	57 – 20 = 37
7th Term	7 x 5 = 35	57 – 35 = 22
5th Term	5 x 5 = 25	57 – 25 = 32

Friday – Mentals Answers

Friday

1. 152

2. 70

3. 94

4. 9

5. 0

6. 883

7. 56, 58, 60, 62, 64, 66, 68

8. Altogether, Nicholas, Charlotte, Riley have 45 pieces of fruit.

9. $2 each.

10. $3.20

11. A third of the circles are coloured in.

12. A quarter of the rectangle should be coloured in.

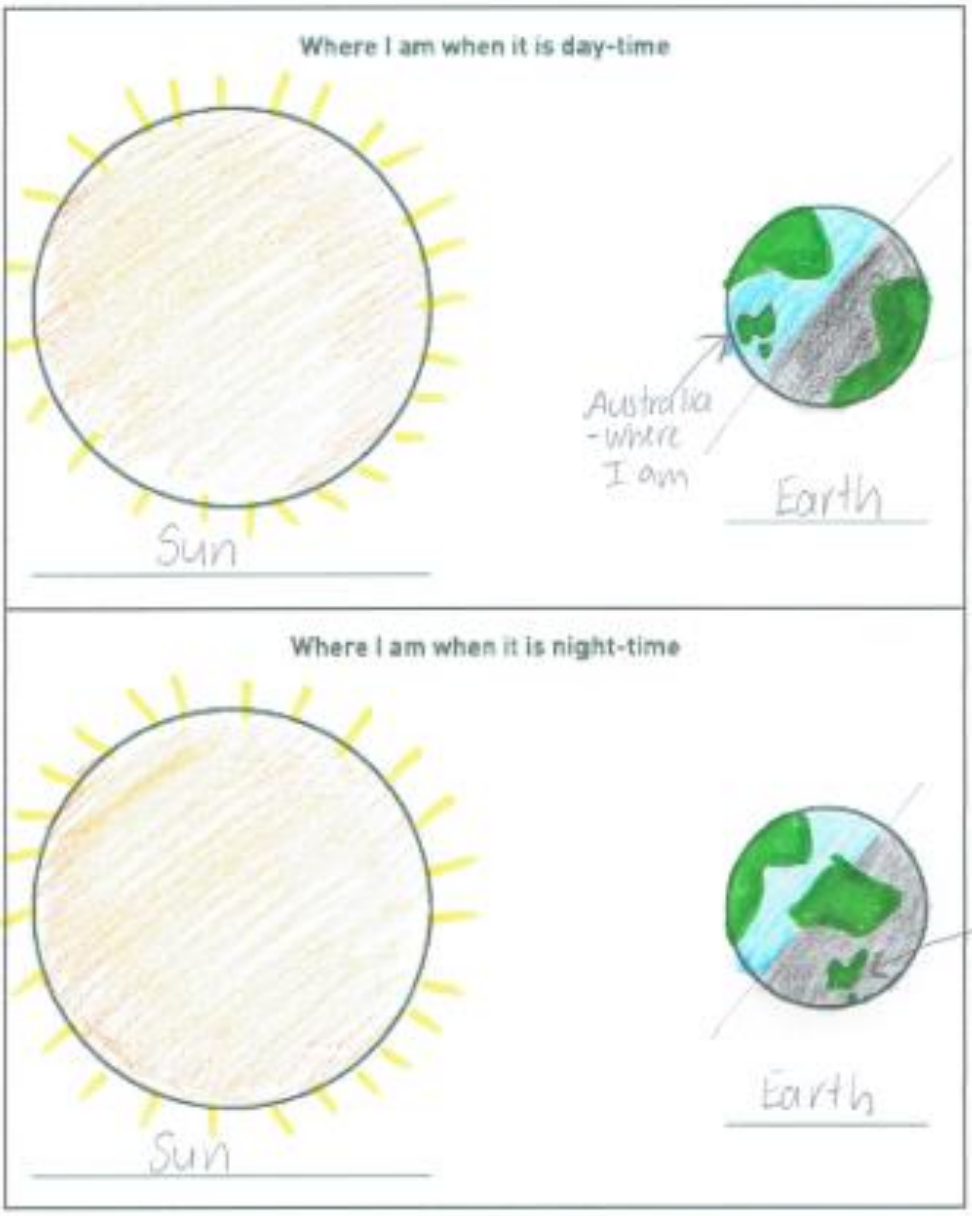
13. 60 minutes

14. 4 corners

15. Black

Friday – Science Answers

The Spinning Earth



The Earth spins while orbiting the sun. We have day and night because the Earth spins around its own axis. The side facing the sun will have day. The side facing away from the sun will have night.