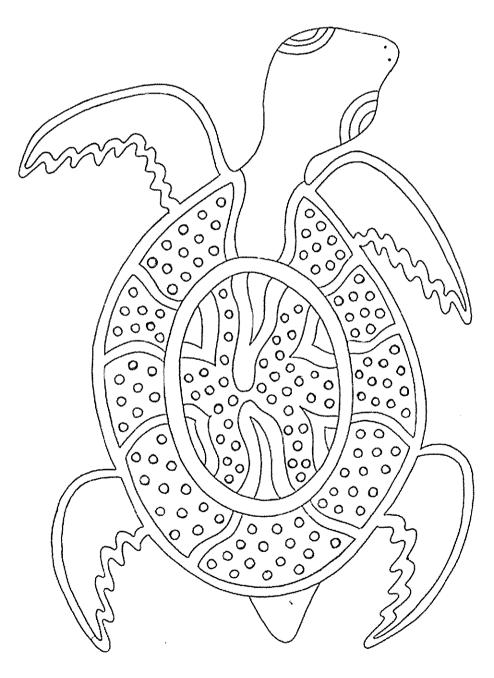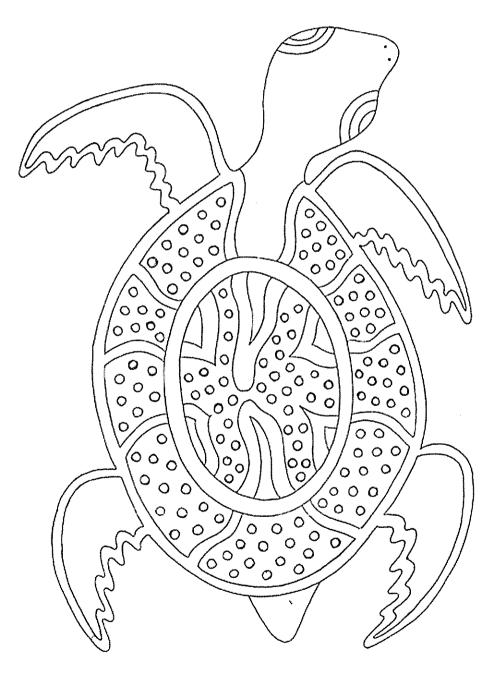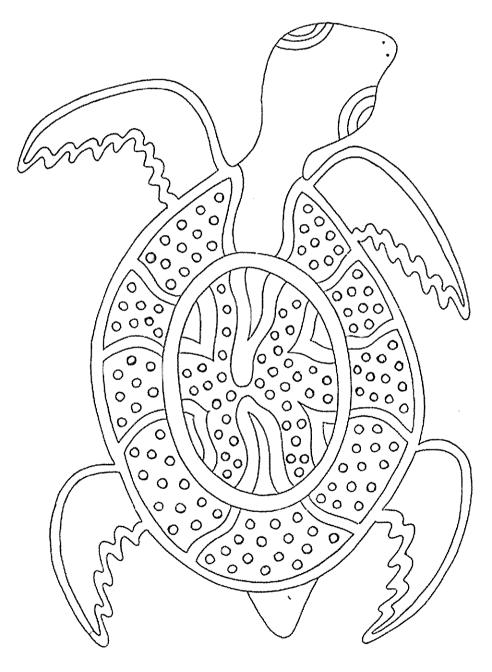# 3/4L

Home Learning

Week 7

3/4S

Home Learning

Week 7

4/5C

Home Learning

Week 7

Learning from Home Term 3 WEEK 7

There is NO pressure to finish every task, every day. As you complete each task take a photo and upload your work to Seesaw for your teacher to see! Bring your booklet if you are coming into school.

	Monday	Tuesday	Wednesday	Thursday	Friday
Task 1	Spelling – homophones in sentences	Spelling - syllable sort	Spelling - rhyming words	Spelling - practice test and word worth	Spelling - test
Task 2	- Story Starter - Noun groups	- Great Barrier Reef comprehension - Boggle	- Handwriting - Proper nouns crossword	- My life with pets - Colour adjectives	- Imagine conjunctions - Conjunctions vocabulary
Lunch	Make sure you have lunch, relax and enjoy sometime outside.				
Task 3	Multiplication and division word problems	Multiplication and division word problems	Inverse multiplication and division	Addition and subtraction word problems	Continue the number pattern
Task 4	Australian animals graph	Chance A	Chance B	Paper, scissors, rock probability	Bottle flipping graphing
Recess	Make sure you have some recess and enjoy sometime outside.				
Task 5	**Art** Flying dragon craft **Drama** Superhero worksheet	**Sport** Spell your name activity	**Geography** Stage 2 – map of Australia Stage 3 – draw a map of your country	**Science** Stage 2 – The power of the sun Stage 3 – tsunamis	**Social Hour** Play a board game with a family member

Stage 2 Spelling Rule – Term 3 – Week 7

Words that end in **ay, ey and oy** form the plural by adding s.				
Word List	Monday	Tuesday	Wednesday	Thursday
replays				
surveys				
toys				
valleys				
Homophone or Homonym				
road				
rode				
Prefix/Suffix of the Week: Suffix : '-ist' = one who does				
dentist The dentist checked my teeth.				
pharmacist A pharmacist made up the prescription.				

Stage 2 **Blue** Spelling/Homework Term 3 Week 7

	Monday	Tuesday	Wednesday	Thursday
were	*were*	*were*	___re	we___
girl	girl	girl	g___l	_i_l
turn	turn	turn	tu___	_u_n
burn	burn	burn	b___n	_u_n
were				
girl				
turn				
burn				
were				
girl				
turn				
burn				

	Monday	Tuesday	Wednesday	Thursday
		Stage 2 **Blue** Spelling/Homework Term 3 Week 7		
built	built	built	b___lt	___ui___
busy	busy	busy	___sy	bu___
careful	careful	careful	ca___f_l	___efu_
knife	knife	knife	___i__e	k_i___
large	large	large	l__g__	_a___e
were	were	were	we___	___e_e
first	first	first	f__s_	__ir__
built				
busy				
careful				
knife				
large				
were				
first				

Name				
Stage 2 Level 1 GREEN Spelling/Homework Term 3 Week 7				
List	Monday	Tuesday	Wednesday	Thursday
built				
busy				
careful				
knife				
large				
girl				
first				
third				
were				
word				
birthday				
herd				
term				
return				
world				
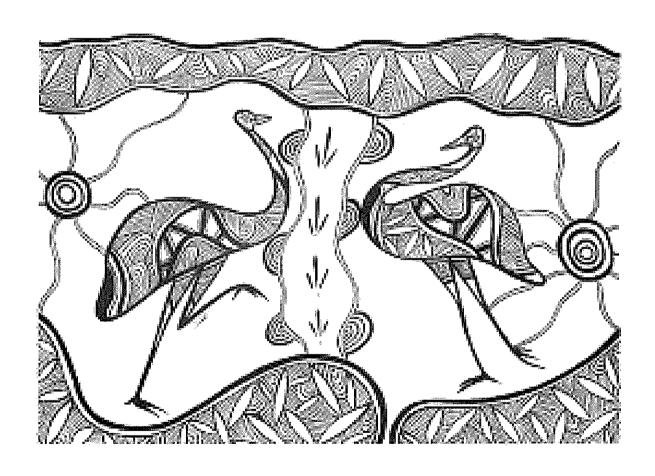
Name				
Stage 2 ORANGE level Spelling/Homework Term 3 Week 7				
List	Monday	Tuesday	Wednesday	Thursday
built				
busy				
careful				
knife				
large				
world				
search				
purple				
thirteen				
heard				
church				
circle				
earth				
turn				
thirty				
chocolate				
adventure				
experience				
sweet				
delicious				

Name				
Stage 2 YELLOW level Spelling/Homework Term 3 Week 7				
	Monday	Tuesday	Wednesday	Thursday
built				
busy				
careful				
knife				
large				
suburb				
survey				
turquoise				
vertical				
worthwhile				
observe				
permanent				
personal				
research				
serve				
chocolate				
adventure				
experience				
sweet				
delicious				

Week 7

Monday

Homophones

Imaginative Writing

I was outside playing on the swings when it started raining. Suddenly, I could taste something sweet on my lips. It was raining orange juice! Everything was starting to turn orange …

Complete the story

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Imaginative Writing

Name: _____   **Date:** _____

Packing in Meaning with Noun Groups

A noun group is a group of words built around a noun (head word). A noun group gives us more information about a person, place, thing or idea. Using noun groups helps us to communicate a lot of information quickly.
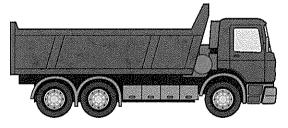
Look at the example below.

There is a frog in the pond.

There is a green frog in the pond.

There is a speckled green frog in the pond.

There is a small, speckled green frog in the pond.

1. Use adjectives (descriptors) to create a noun group by filling in the blanks in the sentences below.

The truck is on the road.

The red truck is on the road.

The _____ red truck is on the road.

The _____ , _____ red truck is on the road.

2. Expand the noun (head word) in these phrases to create a noun group.

    a) the _____ , _____ , _____ car

    b) the _____ , _____ , _____ dog

Name: _____ **Date:** _____

c) the _____ , _____ , _____ girl

d) a _____ , _____ , _____ hat

e) a _____ , _____ , _____ giraffe

3. Choose a noun group from Question 2 and use it in a sentence.

_____

4. Underline the noun groups in the sentences below.

a) The bright, white full moon shone in the sky.

b) A huge, fierce brown dog barked.

c) Two red spotty frogs jumped onto the lily pad.

d) The friendly, tired old man sat on the bench.

e) A large modern brick house is being built.

5. Choose three nouns (head words) from the box below. Write three sentences that each contain a noun group with your chosen nouns as the head word.

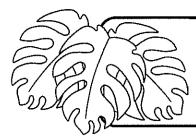| rocket	flower	teacher	town
bus	school	city	restaurant

1. _____

2. _____

3. _____

Multiplication and Division Word Problems

1. How many wheels would 11 motorbikes have?

2. If 7 taxis arrive at the party at the same time, each carrying 5 passengers, how many guests arrive at once?

3. While playing a dice game, Robert managed to throw nine 5s in a row. How many did he score altogether?

4. All four judges gave the dancer a score of 10. How many did she score altogether?

5. 12 people came to the show and they paid $5 each. How much were the ticket sales altogether?

6. On a wet day, the teacher finds 32 wellies. How many children will be able to wear one on each foot?

7. Sam is sharing biscuits between himself and his four brothers. If there are 25 in the pack, how many will they each get?

8. A machine making sweets puts 10 in each packet. If the machine has produced 70 sweets, how many packets can it fill?

9. Carol gives half of her owl collection to her sister. She has 35 owls remaining. How many did she have to start with?
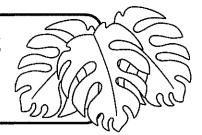
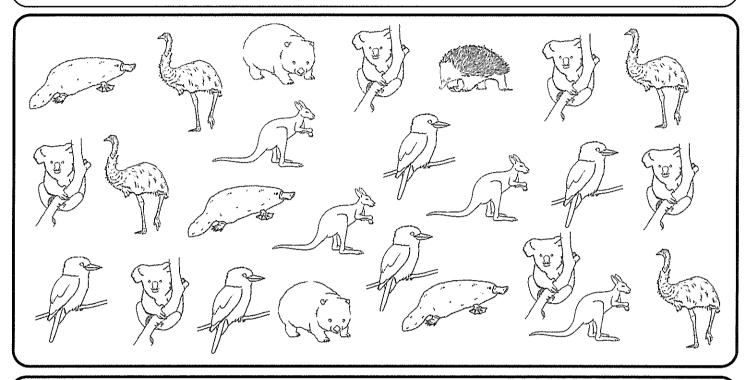# Australian Animals Count and Graph

I can create data displays and interpret them (ACMSP050)

Colour a box for each animal that you find.

6							
5							
4							
3							
2							
1							

Flying Dragon Craft.

Materials Needed:

- o empty cardboard roll (4-6 inches long)
- o paper
- o string
- o markers
- o scissors
- o craft glue

Method.

1. Fold a piece of construction paper in half and draw a wing shape on the paper, with the folded edge being where the wing would meet the dragon's body. Cut out the wing shape so that when you unfold it, you have 2 wings that are connected.
2. Glue the wings to the cardboard tube.
3. Use construction paper to create a tail and a head for the dragon. For our head we cut a piece that looks a bit like an acorn with 2 small horns.
4. Your child may choose to cut a simple circle shape. Or they may get even more creative when making their paper dragon head.
5. Draw on the dragon's face.
6. Glue the tail and head to the cardboard tube.
7. Let the glue dry completely before doing the next part.

How to Make a Flying Dragon Toy

1. Cut 1.5-2m of string.
2. Fold it in half and loop it over a doorknob so an equal amount hangs on both sides. You could also hang it from a hook or the knob on a cabinet.
3. Thread the loose ends of the yarn through the top of your cardboard dragon so they stick out the bottom.
4. To make the dragon fly, hold the two ends of the yarn, one in each hand, and pull your hands apart to separate the yarn.
5. As you move your hands apart, the dragon will fly to the top of the yarn. When you bring your hands back together, the dragon will slide back down.
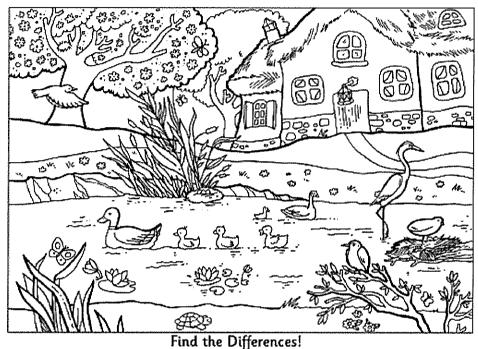
Drama

Name:_____

'Superhero'

- Draw your favourite superhero, or create your own super hero.
- Add text/labels What is his/ her name?
- Who his/her enemies? Who are his/her friends?
- What are her/his special powers?
- What special equipment or features does she/he have?

Week 7

Tuesday

Find the Differences!

Name: _____   **Date:** _____

Syllable Sort

Sort the weekly spelling words by the number of syllables.

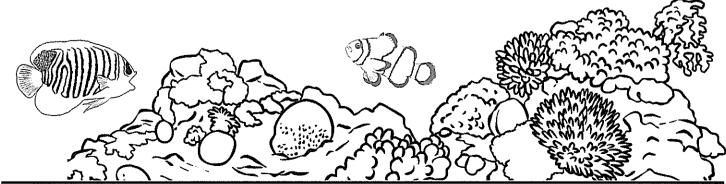| One Syllable	Two Syllables	Three Or More Syllables

Great Barrier Reef at Risk

Use the words in the boxes below to complete the text about the biggest risk to the Great Barrier Reef.

Word Bank

shallow	algae	sunlight	gentle	white	rubbish
survive	nutrients	detach	Barrier	planting	prevent
coral	weeks	staghorn	stringent	beach	360
colourful	skeletons	animals	temperatures	branches	bleaching

Thousands of different _____ live in the Great _____ Reef, the most common being _____ and sponges. _____ species of hard coral grow there including: bottlebrush coral, bubble coral, brain coral, mushroom coral, _____ coral, tabletop coral and needle coral. Hard corals grow in _____ water and help build the structure of coral reefs. They grow in several forms such as mounds, plates, and _____ . When a coral colony dies, a new one will grow on top of the _____ of the dead coral. This creates a three-dimensional architecture.

Coral _____ is a current threat to the Great Barrier Reef. _____ grow on coral and they need each other to _____ because the coral eats the algae. The algae also makes the coral _____ . Pollution, high water _____, low water levels and too much _____ make the algae _____ from the coral. When the algae detaches itself from the coral, the coral is left bare. Over several _____ it starts to turn _____, losing all its colour. The coral then loses its _____ and can become sick and even die. You can do several things to help prevent coral bleaching. Being _____ with water, always putting _____ in the bin, being _____ to the reef if you swim in it, _____ trees and picking up rubbish at the _____ are all ways to help _____ coral bleaching.
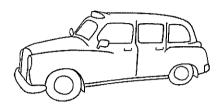
Boggle
Spelling Word Puzzle

K	B	A	H
C	J	O	T
A	G	U	M
T	N	I	P

Word Count

1 or 2 Letters: _____

3 Letters: _____

4 Letters: _____

5 Letters: _____

6 or More Letters: _____

Total Number of Words: _____

Multiplication and Division Word Problems x3 x4 x8

1. How many wheels would 9 tricycles have?
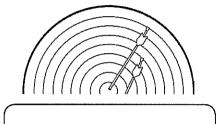
2. 24 people travel to an airport in taxis. 4 people travel in each taxi. How many taxis are used?

3. Hanan is a keen archer. One day she shoots 5 arrows. Each arrow scores an 8. What is her total score?
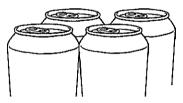
4. Three judges award 27 marks overall. They each give the same score. What score did they each give?

5. Cinema tickets are $8. Six people go to see a film. How much will they pay altogether?

6. Cans of lemonade are sold in packs of 4. Cherie wants 36 cans for a party. How many packs should she buy?
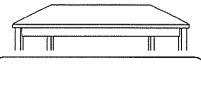
7. Trish, Karen and Layla share equally a packet of nuts. There are 21 nuts in the pack. How many nuts do each get?

8. A machine making mango pieces puts 8 pieces in each snack packet. The machine makes 88 pieces in 1 minute. How many packets are filled every minute?

9. A carpenter makes tables. Some have 3 legs and some have 4 legs. He plans to make 5 tables with 3 legs, and 4 tables with 4 legs. How many legs will he need?

Name _____   **Date** _____
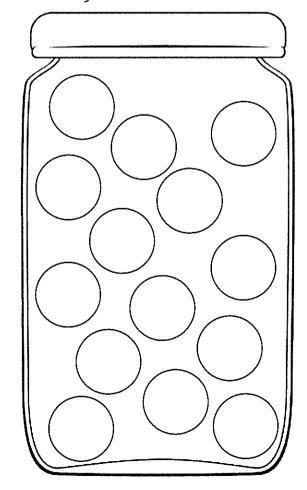
Chance (A)

① Use a word from the box to describe the chance of each event occuring.
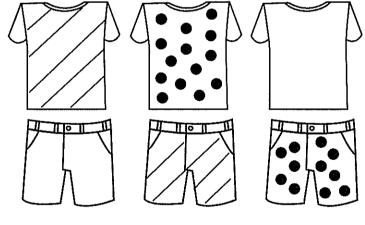
possibly, probably, likely, unlikely, maybe, might, never, always, even chance, certain

	Event	Chance
a)	I'll have a birthday next year.	
b)	My class will go to the cinema today.	
c)	I won't come to school tomorrow.	
d)	I will have homework tonight.	
e)	It will rain today.	
f)	I will go to my friend's house after school.	
g)	The principal will give each class a puppy.	

② Colour the marbles in the jar so that blue is the most likely and red is the least likely to occur.

③ List five possible combinations of t-shirts and shorts.

1. _____

2. _____

3. _____

4. _____

5. _____

SPELL YOUR NAME
Activity for KIDS

A Chomp your arms 10 TIMES like an ALLIGATOR

B Bounce up and down 15 times

C CLAP your hands above your head 10 times

D DANCE around like a Monkey for 2 minutes

E Pretend you are an ELEPHANT for 20 seconds

F FLAP your arms like a bird 20 times

G GALLOP like a horse for a minute

H HOP like a bunny 20 times

I 10 Jumping Jacks and high as possible

J JUMP on one foot for the count of 10 then switch feet and jump 10 more times

K 10 Side KICKS on each leg

L Squat down and JUMP up high 10 times

M Shake your HIPS side to side for the count of 15

N 10 TOE touches

O Pretend you are an OCTOPUS and swing your arms around for 5 seconds

P 15 AIR Punches

Q Stretch up high to the sky and then touch the floor 10 times

R Jump Like a FROG 10 times

S Skip for 20 seconds

T Go up on your tip toes and back down 10 times

U 20 Elbow to your Knee touches

V Put your hands on your hips and twist left to right 10 times

W WIGGLE all over for 10 seconds

X MARCH like a soldier for 30 Seconds

Y Kick back like a DONKEY 10 times on each leg
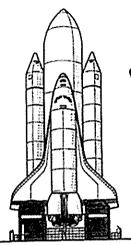
Z Jump with your feet together 10 jumps forward

Week 7

Wednesday

OuterSpace Word Search

Search the puzzle for the words shown in the word list.
Circle each word that you find until you find all of the
words listed.

Word List

booster	earth
countdown	mars
launch	saturn
orbit	jupiter
atmosphere	pluto
capsule	mercury
lander	neptune
satellite	uranus
shuttle	sun
astronauts	moon
rocket	venus
exploration	comet
gravity	meteor
lunar	star

```
L L M E T E O R W F W M G J A
A A K R S H U T T L E A R W T
N U C O U N T D O W N R A Q M
D N A S T R O N A U T S V S O
E C K U L U U R A N U S I U S
R H W S M N E P T U N E T V P
S U N A O C J Y R X T P Y D H
P B N T O C U V Z V E N U S E
T O E E N O P M E R C U R Y R
O O A L P M I K C P L U T O E
R S R L E E T X X S T A R R L
B T T I K T E P L U N A R Z L
I E H T A H R S A T U R N V M
T R I E E X P L O R A T I O N
C A P S U L E R O C K E T H F
```

Name: _____

Rhyming Words

Write the weekly spelling words in the first column, then write two rhyming words in the next two columns.

fish	*dish*	*wish*

Name: _____   Date: _____

Trace the cursive sentence, then rewrite the sentence on the line below.

Name: _____   Date: _____

Proper Nouns Crossword

Across

1. The capital of Australia.

3. A movie character who is a heroic archaeologist: _ _ _ _ _ _ _ Jones.

5. A day of the week.

9. The author of children's books including *Matilda*, *The Twits,* and *James and the Giant Peach.*

10. A month in the year.

11. The movie in which this song is featured: 'A spoonful of sugar makes the medicine go down.'

14. The nursery rhyme about Jack and _ _ _ _.

15. An enormous Australian geographical landmark located in the Northern Territory.

16. A landmark in Paris.

Down

1. The country where you find the Great Wall.

2. The largest continent in the world.

4. The name of the longest river in the world.

5. The man who started creating Disney movies.

6. Shakespeare's story of two star-crossed lovers.

7. The name of the fictional character who goes to the school Hogwarts.

8. The name of the infamous ship that sank in 1912.

12. The fictional land you enter by going through a wardrobe.

13. Name of a planet in our solar system.

teachstarter

Inverse Multiplication and Division Quick Fire Questions

Round 1

1. 5 × _____ = 80
2. _____ ÷ 8 = 8
3. _____ × 3 = 45
4. _____ × 7 = 84
5. _____ ÷ 3 = 9
6. _____ ÷ 6 = 6
7. 6 × _____ = 72
8. 24 ÷ _____ = 6
9. 9 × _____ = 180

Round 2

1. 4 × _____ = 16
2. _____ ÷ 6 = 4
3. 30 ÷ _____ = 5
4. 7 × _____ = 42
5. _____ ÷ 8 = 3
6. _____ × 6 = 54
7. 27 ÷ _____ = 9
8. _____ × 6 = 30
9. _____ ÷ 7 = 7

Round 3

1. 27 ÷ _____ = 3
2. 4 × _____ = 24
3. 3 × _____ = 36
4. _____ ÷ 8 = 4
5. _____ ÷ 5 = 12
6. _____ ÷ 2 = 6
7. 7 × _____ = 28
8. _____ ÷ 3 = 14
9. _____ × 7 = 42

Round 4

1. 6 × _____ = 48
2. 48 ÷ _____ = 12
3. 56 ÷ _____ = 7
4. _____ ÷ 7 = 11
5. _____ × 9 = 72
6. 3 × _____ = 24
7. _____ ÷ 9 = 7
8. _____ ÷ 8 = 4
9. _____ × 4 = 20

Round 5

1. _____ ÷ 6 = 11
2. 3 × _____ = 18
3. _____ × 5 = 30
4. _____ ÷ 12 = 7
5. _____ ÷ 20 = 6
6. _____ × 4 = 16
7. 9 × _____ = 81
8. _____ ÷ 3 = 12
9. _____ ÷ 6 = 7

Round 6

1. 6 × _____ = 48
2. _____ ÷ 12 = 9
3. _____ × 9 = 63
4. 5 × _____ = 25
5. _____ ÷ 8 = 20
6. 7 × _____ = 35
7. _____ ÷ 12 = 12
8. 99 ÷ _____ = 9
9. _____ × 9 = 36

Name _____   **Date** _____
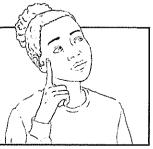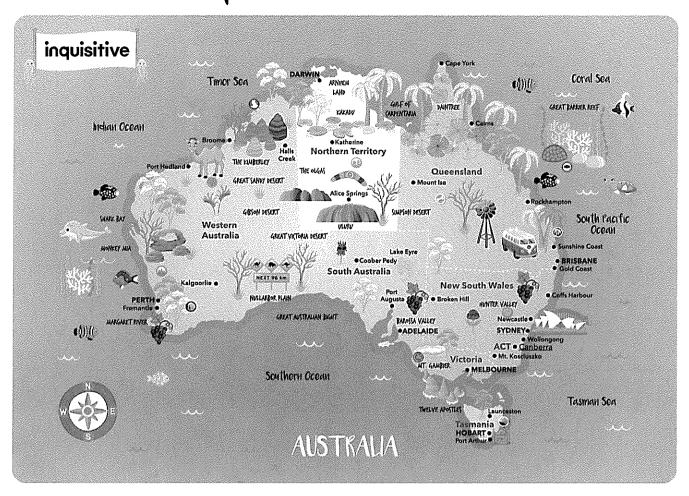
Chance (B)

① Write whether these statements are **true** or **false**.

a) Mrs Jones has a son. She is about to have another baby. She already has a boy, so the next baby will be a girl.

[   ]

b) Tom and Charlie were going to toss a coin to see who would go first in a game. The last coin tossed was heads, so the next coin tossed will be tails.

[   ]

c) Karen bought an apple from the fruit shop. When she bit into her apple it was rotten. Her apple was rotten, so every apple at the fruit shop will be rotten.

[   ]

d) It was raining when school finished. Josie will need to wear her raincoat on her walk home if she doesn't want to get wet.

[   ]

② Choose a word from the box to complete each sentence below.

[green, tails, off, dry]

a) If a coin lands on heads, it cannot be _____ .

b) If a light is switched on, it cannot be _____ .

c) If it is raining, it cannot be _____ .

d) If a traffic light is on red, it cannot be _____ .

③ Design a spinner where blue is most likely to occur and red and yellow have an equal chance of occuring.

teachstarter

Map of Australia Lesson

Timor Sea

DARWIN
ARNHEM LAND

KAKADU

Cape York

Coral Sea

GULF OF CARPENTARIA

DAINTREE

GREAT BARRIER REEF

Indian Ocean

Broome

Halls Creek

Katherine

Northern Territory

Cairns

Port Hedland

THE KIMBERLEY

THE OLGAS

GREAT SANDY DESERT

Queensland

Mount Isa

SHARK BAY

GIBSON DESERT

Alice Springs

Rockhampton

MONKEY MIA

Western Australia

GREAT VICTORIA DESERT

ULURU

SIMPSON DESERT

South Pacific Ocean

Sunshine Coast

Kalgoorlie

NEXT 96 km

Lake Eyre

Coober Pedy

South Australia

New South Wales

BRISBANE
Gold Coast

PERTH
Fremantle

NULLARBOR PLAIN

Port Augusta

Broken Hill

HUNTER VALLEY

Coffs Harbour

MARGARET RIVER

GREAT AUSTRALIAN BIGHT

BAROSSA VALLEY
ADELAIDE

Newcastle

SYDNEY

Wollongong

ACT Canberra

Mt. Kosciuszko

Victoria

MT. GAMBIER

MELBOURNE

Southern Ocean

Tasman Sea

TWELVE APOSTLES

Launceston

Tasmania

HOBART

Port Arthur

AUSTRALIA

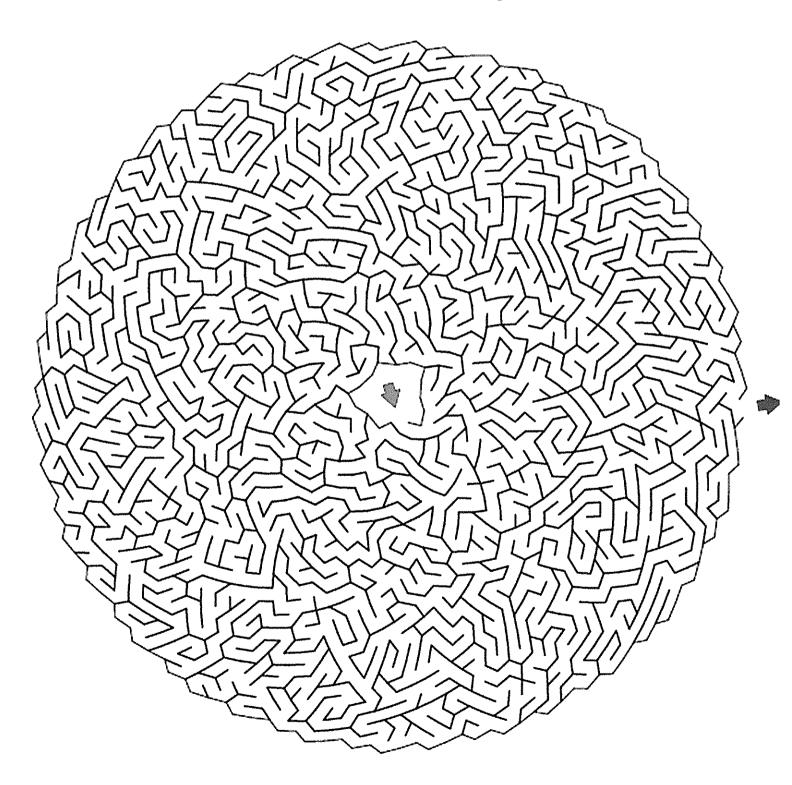**1** Australia is an island continent. What does this mean?

2 Find and circle the seas and oceans that surround Australia. List them here:

1.   2.

3.   4.

5.   6.

3 Find the Great Barrier Reef. In which state is it located?

4 Find Uluru. In which state is it located?

5 Find the Great Victoria Desert. In which two states is it located?

1.   2.

Stage 3 Geography

Draw a map of the country you are researching. Include main landmarks and cities.

Week 7
Thursday

Word Worth

| A₁ | B₃ | C₃ | D₂ | E₁ | F₄ | G₂ |

A_1 B_3 C_3 D_2 E_1 F_4 G_2

H_4 I_1 J_6 K_5 L_3 M_3 N_1

O_1 P_3 Q_{10} R_2 S_1 T_1 U_1

V_4 W_4 X_8 Y_4 Z_{10}

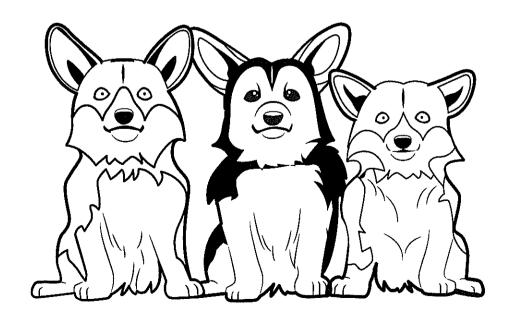_____

_____

_____

_____

_____

Name: _____ **Date:** _____

My Life with Pets – Simple Tense Verbs

Read each sentence carefully, and add a verb to complete the sentence. Make sure the verb is in the correct tense and that it agrees with the subject.

When I was in kindergarten, I really _____ school.

My classroom job was to _____ our class hamster. Ms Miles chose me because I never _____ the food pellets.

Now, I have three dogs, and I_____ them every day. I also have a cat and I have to _____ her cat litter each day. Next year, I _____ ____a ferret.

He will _____ in my room.

I cannot wait to _____ with my new ferret!

Name: _____   **Date:** _____

Colour Adjectives

Use words to describe different shades of colours. For example: red = rose.
Write three examples for each.

Red _____

Orange _____

Yellow _____

Green _____

Blue _____

Purple _____

Pink _____

Brown _____

Black _____

Grey _____

White _____

Adapt these sentences to make them more descriptive and specific.

The blue hoodie _____
_____

The green grass _____
_____

The yellow house _____
_____

The purple grapes _____
_____

The red car _____
_____

The black rock _____
_____

The orange shoes _____
_____

The brown chocolate _____
_____

The grey cat _____
_____

Create a paragraph using at least one adjective for every colour from the list.

_____
_____
_____
_____
_____
_____
_____

Addition and Subtraction Word Problems Activity Sheet

1. There are 6713 books in one classroom and 9231 books in the other. How many books are there altogether in both classrooms?

2. Jay has a collection of 2362 football cards, his brother has 1986. How many more football cards does Jay have?

3. A family drive 2618km from Canberra to Alice Springs, and then 1489km to Darwin. How far did they travel altogether?

4. A cricket team score 956 in the first innings and 209 in the second innings. How many runs did they score altogether?

5. Jenny has $15.65. She spends $8.75 on a present for her brother. How much money does she have left?

6. Abi collects stamps. She has 3501 in a box and 6548 in a book. How many does she have altogether?

7. A truck driver has a 1658km journey. He stops for a break after 432km. How much further has he to travel?

8. A pack of Christmas cards costs $8.45. How much change would there be from $12.55?

9. A packet of lentils weighs 455g and a packet of kidney beans weighs 885g. How much do they both weigh altogether?

10. A shopkeeper has 3167 bottles of lemonade. He orders 4809 more. How many bottles of lemonade will he have now?

Challenge:

Two children have 913 marbles between them. Jay has 167 more than Abi. How many does Abi have?
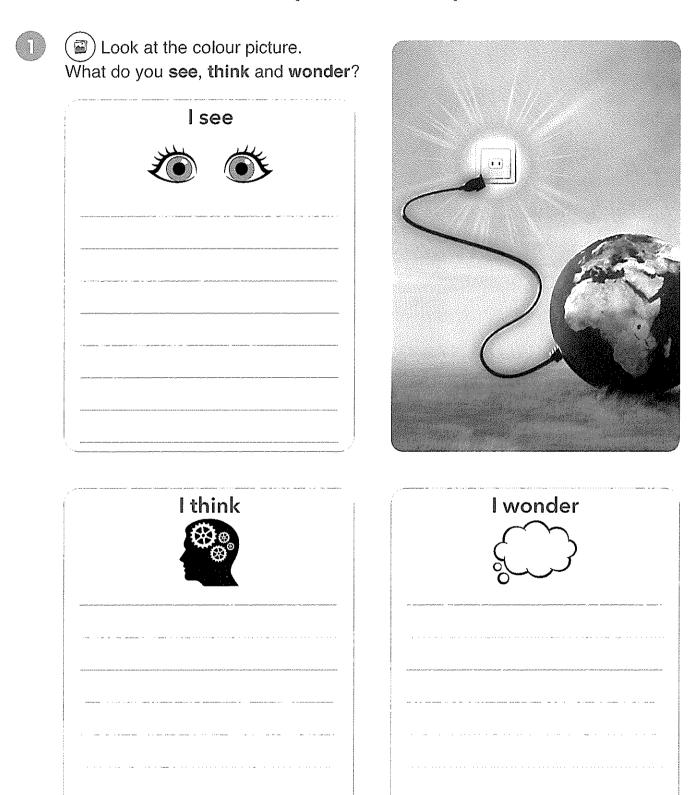
Paper-Scissors-Rock Game Probability Investigation

I can represent possible outcomes in fraction format.

1. List all of the likely outcomes in a game of paper-scissors-rock.

_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

2. What is the probability (in fraction format) that someone will use a 'paper' move?

3. What is the probability (in fraction format) that someone will use a 'rock' move?

4. What is the probability (in fraction format) that you will win a game of paper-scissors-rock playing against one person?

5. With a partner, play 10 games of paper-scissors-rock and record each win as a tally mark.

Player 1	Player 2

6. Write your 'wins' as a fraction.

7. Was the actual outcome different to the probability of winning?

How does the power of the Sun affect us on Earth?

1 (📷) Look at the colour picture.
What do you **see**, **think** and **wonder**?

I see

I think

I wonder

Year 5 - Tsunami Experiment

About this experiment

Tsunamis are one of nature's most powerful forces, and can cause devastating destruction to coastlines. Though scientists have developed better prediction and warning systems for the coming of the giant waves, humans still cannot stop the underwater landslides, earthquakes, or volcanic eruptions that cause them to occur. However, coastlines can be better prepared to take impact based on the set of structural barriers facing the waves. See for yourself how differing coastal landscapes are affected by a surge of water.

Materials

- Plastic storage container (about 75cm long x 40cm wide x 15cm deep)
- Newspaper
- Cardboard houses – can be made from the bottoms of small milk cartons
- Model trees – can be made from small bits of leafy branches
- Water
- Rocks
- Mud
- Sand
- Sturdy piece of cardboard (about the same width as the container)

Steps

1. Scrunch pieces of newspaper into balls and use them to line the bottom of one half of the container.
2. Firmly press mud on top of the newspaper, piling it higher at the end of the container in order to create a downward slope.
3. Place houses atop the slope and trees towards the base of the slope (near the "coastline," so that they're like mangroves.)
4. Fill your "ocean" by pouring water into the empty end of the container until its level matches that of the coastline.
5. Use the piece of cardboard to forcefully thrust water from the back of the container toward the coastline, creating "waves."
6. Examine the impact of the water surge on the landscape. How much has the coastline deteriorated? Did the water completely overtake the houses? Did the trees reduce some of the water's impact?

7. Now, readjust your landscape by removing the houses and trees and adding mud to the slope and coastline or water to the ocean if necessary. Reposition the houses atop the slope and add a new combination of coastal features, like more trees, rocks, sand, etc.
8. Repeat steps 5 and 6 using as many different landscape combinations as you like. How do additional environmental barriers impact a wave's effect on coastal homes?

Hypothesis: What do you think will happen?

_____

_____

_____

_____

_____

_____

Record your results:

Raised houses:

_____

_____

_____

_____

_____

_____

No trees:

_____

_____

_____

_____

_____

More trees and rocks:

_____

_____

_____

_____

_____

_____
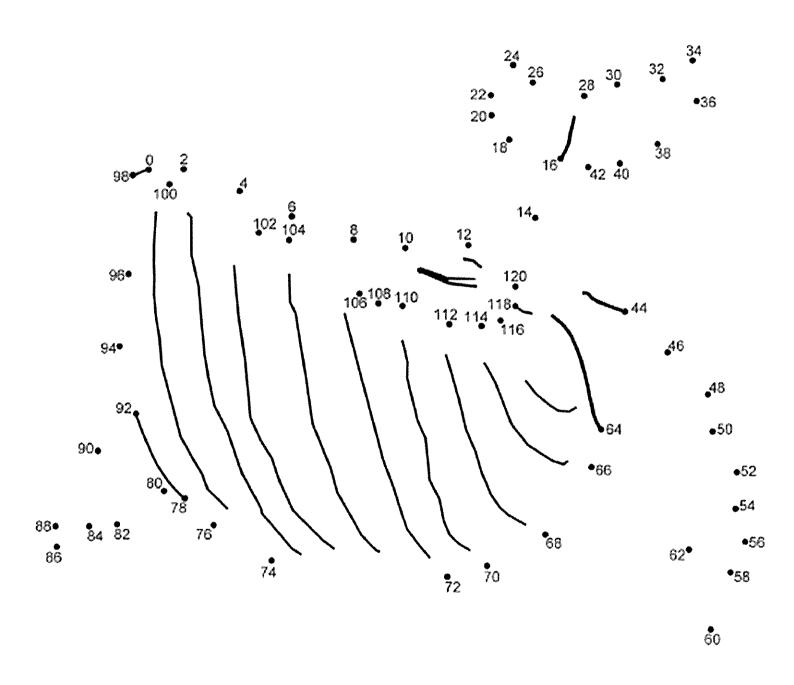
Discussion: Which model was the safest from a tsunami? How do you know this?

_____

_____

_____

_____

_____

Conclusion: What did you learn? Was your hypothesis correct?

_____

_____

_____
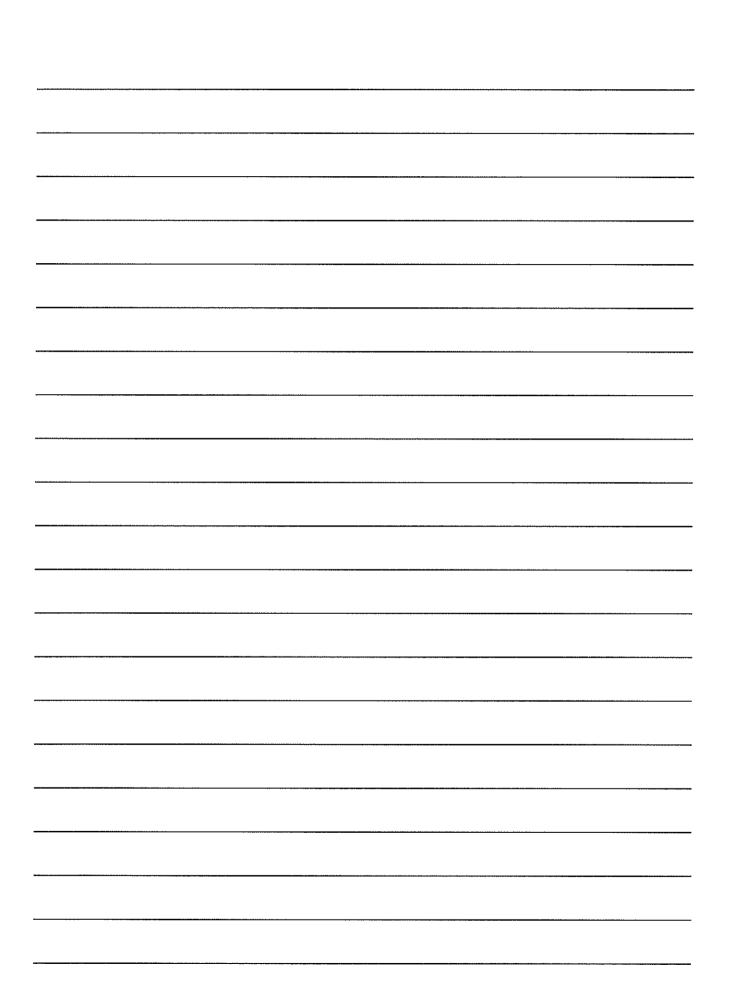
_____

_____

Week 7
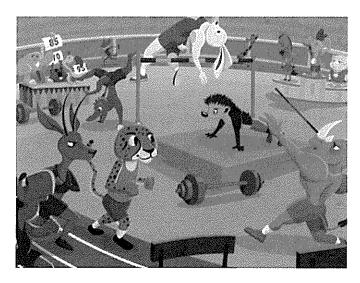# Friday

HINT: Skip count by 2!

Name: _____ **Date:** _____
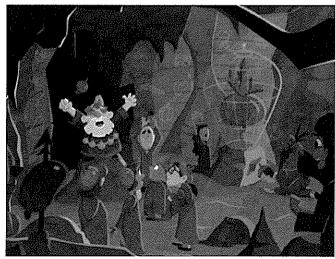
Imagine Conjunctions

Using the images below for inspiration, create a sentence that is divided into two parts by a conjunction.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Name: _____ **Date:** _____

Conjunction Vocabulary

Use the space below to join two parts of a sentence using a conjunction.

1. _____and

   _____

2. _____ for

   _____

3. _____but

   _____

4. _____ or

   _____

5. _____ so

   _____

6. _____ nor

   _____

7. _____yet

   _____

8. _____ with

   _____

Continue the Number Patterns

I can continue patterns with fractions, decimals and whole numbers resulting from addition or subtraction (ACMNA107).

Continue each pattern and write down what the rule is. The first one has been done for you!

Whole Number Patterns:

1. 120, 142, 164, 186, 208, **230** , **252** , **274**   Rule = **the pattern is add 22**

2. 975, 930, 885, 840, ☐ , ☐ , ☐   Rule = ☐

3. 14, 28, ☐ , 56, ☐ , 84, ☐   Rule = ☐

Decimal Number Patterns:

4. 0.12, 0.23, 0.34, ☐ , 0.56, 0.67, ☐ , 0.89, ☐   Rule = ☐

5. 12.9, 11.87, 10.84, ☐ , 8.78, 7.75, ☐ , ☐   Rule = ☐

Fraction Number Patterns:

6. $6\frac{4}{6}$, $6\frac{3}{6}$, ☐ , ☐ , 6, $5\frac{5}{6}$, ☐ , $5\frac{3}{6}$, ☐ , $5\frac{1}{6}$, ☐   Rule = ☐

7. $4\frac{1}{5}$, ☐ , $4\frac{3}{5}$, $4\frac{4}{5}$, ☐ , ☐ , $5\frac{2}{5}$, $5\frac{3}{5}$, ☐   Rule = ☐

Create Your Own Patterns!

Whole number pattern: _____

The rule is: _____

Decimal number pattern: _____

The rule is: _____

Fraction number pattern: _____

The rule is: _____

Bottle Flip Graphing Activity

Compete with a partner in a bottle flipping competition and graph the results.

Trial 1

Players	Prediction – How many tries do you think it will take to win? 20 is the maximum.

Players	Tally – Count the number of bottle flips until you land one.

Trial 2

Players	Prediction – How many tries do you think it will take to win? 20 is the maximum.

Players	Tally – Count the number of bottle flips until you land one.

Trial 3

Players	Prediction – How many tries do you think it will take to win? 20 is the maximum.

Players	Tally – Count the number of bottle flips until you land one.

Graph the results from all three trials.

Number of Flips

Trial 1		Trial 2		Trial 3	
Player 1	Player 2	Player 1	Player 2	Player 1	Player 2