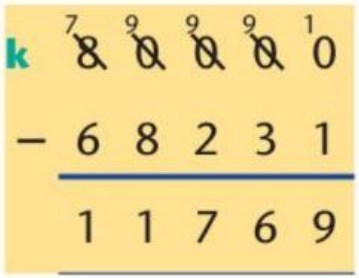
St Johns Park Public School - Year 5, Term 3, Week 6

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** We have been focusing on the author's purpose and intent. In the last few weeks, we have been reading and viewing visual and written texts which may have one or more purposes. View the video Author's Purpose on Youtube to revise your understanding. Link: https://www.youtube.com/watch?v=enm4afX-izA	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** View the video Three Tiers Framework – Vocabulary https://www.youtube.com/watch?v=2E8wCWtGVX4 Thinking about the three tiers of vocabulary, view the Vocabulary Check-in worksheet and then read the excerpt of Riptides by Kirsten Alexander. Complete check-in questions 1 to 4. You will complete 5 to 7 tomorrow.	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** Revisit the excerpt of Riptides by Kirsten Alexander. Complete the Vocabulary Check-in worksheet questions 5 to 7. **English Culminating Task** Work on your culminating task. Be sure to constantly refer back to the marking rubric to check that you are on track.	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** Read the 10 Road Safety Tips infographic. What is the main Tiered Vocabulary used? Is it Tier 1 words, Tier 2 words or Tier 3 words? What are some examples of the words? Why do you think the author chose this level of vocabulary for the infographic?	**FITNESS:** • 15 wall sits • 15 leg lifts • Balance on your left then right foot for 30 seconds • 15 toe touches **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** Revisit the 10 Road Safety Tips infographic. Think about how effective the author was in informing people to be safe on the roads and make safe decisions. What kind of vocabulary was used? How was the text structured? **English Culminating Task** Complete your culminating task. Be sure to constantly refer back to the marking rubric to

	<u>English Culminating Task</u> You will be using the information you have learnt in the past few weeks to complete a culminating task at home. Please refer to the Culminating Task sheet attached for details. You will be given time each day to work on your presentation. You may use other sources like the internet for additional research if you wish. **<u>Spelling</u>** Write your spelling words using the Look, Cover, Write and Check method.	**<u>English Culminating Task</u>** Work on your culminating task. Be sure to constantly refer back to the marking rubric to check that you are on track. **<u>Speaking and Listening</u>** Record and share your response to the questions below. *How are you going with your culminating task so far?* *Which parts do you enjoy?* *What are you finding a bit challenging?*	**<u>Spelling</u>** Look up definitions for words 1-10 of your spelling list. Rewrite these definitions in your book using your own words. Then, write a detailed sentence for each of those words. **<u>Speaking and Listening</u>** **Thinkers Keys:** **The 'What If' Key** *What would happen if the world's population immediately doubled overnight?* Discuss with someone at home and list 5 creative responses in your book.	**<u>English Culminating Task</u>** Work on your culminating task. Be sure to constantly refer back to the marking rubric to check that you are on track. **<u>Spelling</u>** Look up definitions for words 11-20 of your spelling list. Rewrite these definitions in your book using your own words. Then, write a detailed sentence for each of those words.	check that you are on track. **PLEASE SUBMIT YOUR TASK BY 12:00PM TODAY.** **<u>Speaking & Listening</u>** Referring to the culminating task marking rubric: *What were some things you did well?* *What were some things you could improve on?* *Did you enjoy completing the culminating task? Why or why not?* Record and submit your response on Seesaw.
Break	**Break**	**Break**	**Break**	**Break**	**Break**

Middle	**MATHEMATICS** Complete - Maths Mentals Log in to *Mangahigh* and complete the assigned activity. **5-digit Subtraction** Watch the following YouTube to help revise knowledge of 5-digit subtraction, particularly when the larger number has a lot of 0's and you can't borrow directly from the 'next door neighbour'. 5 Digit Subtraction with Borrowing and Regrouping - YouTube Complete the '5-digit Subtraction' worksheet. An example is also provided on the worksheet. 	**MATHEMATICS** Complete - Maths Mentals **Problem Solving** Help Master Spy Felix Mash crack the code. Use the hints to help you identify the value of some of the letters. This should help you see a pattern and then be able to work out what number each letter represents. From there you should be able to crack the code! Good luck. **Math Games** Select some games to play to improve your mathematics skills. Free Multiplication Math Games | Multiplication.com	**MATHEMATICS** Complete - Maths Mentals Log in to *Mangahigh* and complete the assigned activity. **Subtraction** **Task 1:** Answer the following questions. Read the question properly then use a formal algorithm to solve the answer. 1. Jenny had $4773 in the bank but spent $2765 at the travel agency. How much money does she have left? 2. Tony left Sydney on a trip to the USA, of 11 920km. How far does he still need to travel if he has already covered 6577km? 3. Tina's new car cost $27 834. If she was given a trade-in for her old car of $12 477, how much more money is needed? 4. There were 18 654 spectators at the football match. If 11 076 of them were adults, how many were children? **Task 2:** Complete the Subtraction spreadsheet. Use the opening balance to subtract the cost of the balls. Then use the remaining balance to subtract the cost of the shirts etc	**MATHEMATICS** Complete - Maths Mentals **Chance** **Task 1**: A witness remembers seeing a car speed away from a bank robbery. She remembers the two letters that were on the car's number plate (TR), and the three numbers (1, 2, 3) but not the order they were in.  Find out all the possible combinations of the license plate using the 3 numbers. **Task 2:** John, Tim, Bill and Fred played a tennis match against each other. At the end of the match, each player shook hands with every other player. Find out how many handshakes took place. **Fraction Revision** a. 3/7 + 2/7 = b. 1/3 + 1/3 = c. 4/5 + 3/5 = d. 5/8 + 7/8 = e. 1/2 + 1/2 = f. 3/6 + 5/6 =	**MATHEMATICS** Log in to *Mangahigh* and complete the assigned activity. **Fractions in Chance** We can use fractions to identify the probability of a particular outcome occurring. For example, there is a 1 in 2 chance that a coin will land on heads. Use the Spinner on the Probability Outcomes using Fraction worksheet to answer the questions. Remember, if there are 8 options on the spinner, the probability will be a fraction over 8. You may choose to simplify these fractions afterwards if you remember how to. **Mangahigh Games** Choose a game on mangahigh to complete. If you have finished all of the assigned activities, it should allow you to choose from the Game Centre.

	HSIE – GEOGRAPHY **Predict future changes in an urban area** **Bennelong Point** View photograph of Fort Macquarie taken in 1875 on what is now known as Bennelong Point. **Answer the following questions in your Book** ***Title: Fort Macquarie*** ● What natural features do you see? ● What built features do you see? ● How is the land being used in this image? ● What is the purpose behind this land use? ● Is this an urban or rural place? ● How do you know? ● Describe how people have changed the natural environment in this image	**SPORT** Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.	**DRAMA** **Creative Props** Exercise 1 Grab a pencil and imagine it is something else. Write down some ideas: "This is not a pencil, it's an Alien's telescope. Exercise 2 Find an ordinary object eg a broom and think of as many uses for it as you can. Exercise 3 Find 5 props at home. Think of a character for each. Write a dialogue in the manner your 5 characters would speak. Film or write on Seesaw.	**SCIENCE** **Inquiry focus: Do all planets rotate and revolve around the sun at the same speed?** **Activity 4** Watch the videos: Defining Gravity – https://www.youtube.com/watch?v=ljRlB6TuMOU Gravity – The Dr. Binocs Show https://www.youtube.com/watch?v=suQDwZcnJdg Refer to the worksheet.	**SPORT** Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.
Break	**Break**	**Break**	**Break**	**Break**	**Break**

Afternoon	**VISUAL ARTS** **Activity:** **Draw a Bowl of Fruit** Learn how to draw this cute bowl of fruit step by step. Draw an apple, pear, orange, grapes and a banana. Fun bowl of fruit. Drawing tutorial lesson Watch the website below: https://www.youtube.com/watch?v=9QaO7H-3ZbM You need white A4 paper, markers, lead pencil, black sharpie pen. Upload your Bowl of Fruit to Seesaw.	**SCIENCE** **Inquiry focus: Do all planets rotate and revolve around the sun at the same speed?** **Activity 1** Watch the videos, then refer to the worksheet. Everything Revolves Around You https://www.youtube.com/watch?v=Y0_GLKU0NEY Orbits are Odd https://www.youtube.com/watch?v=aGVXyCrpUn8 **Activity 2** Define the following: • rotation period • orbital period Watch the following video and write notes. Your notes can be written and/or drawn. Explore The Solar System https://www.youtube.com/watch?v=0ytyMKa8aps&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL **Activity 3** Visit the website: https://space-facts.com/planets/ 1. Identify the orbital and rotation periods of each planet, and record this information in a table. 2. Order the planets from having the fastest orbit speed (least amount of time) to that with the slowest orbit speed (most amount of time). 3. Order the planets from having the fastest rotation speed (least amount of time) to that with the slowest rotation speed (most amount of time).	**HSIE - GEOGRAPHY** Compare the 1875 photograph of Fort Macquarie taken in 1875 with the Google Maps street view here: https://www.google.com.au/maps/@-33.8588416,151.2136163,3a,62.9y,25.38h,80.69t/data=!3m6!1e1!3m4!1skHGQ_hFXM5xqTa6CH3T7qQ!2e0!7i13312!8i6656 https://www.google.com.au/maps/place/Bennelong/@-33.8574126,151.2125392,17z/data=!3m2!4b1!5s0x6b12ae668bea1245:0x1f2272a611269082!4m5!3m4!1s0x6b12ae66608dc941:0x1c5249021cf980f3!8m2!3d-33.8574171!4d151.2147279 This street view was taken from the same location, in May 2014. Examine the Google Maps image and describe the environmental changes that have occurred both on the site and in the distance. **Extension:** Predict what this urban area may look like in the future (you can either draw or describe the changes in words) and then describe the potential changes to the environment caused by this further urban expansion.	**DANCE** **KIDZ BOP Kids - Best Day Of My Life (Dance Along) - YouTube** **KIDZ BOP Kids - Make Some Noise (Dance Along) - YouTube** **15 min Kids Dance Fitness Workout - YouTube** **Hip Hop for Kids 1 - YouTube** Watch. Either record yourself or write a small summary of your experience	**PERSONAL DEVELOPMENT/HEALTH** **Food Labels** 1 Where would you find information about packaged food eg sugar and fat content? 2 Why do you believe packaged food needs to have labels? 3 Do you ever read the labels? Explain your answer. 4 Do you think all packaged food has labels with information on it? 5 Which type of person would be most likely to read labels on packaged foods? Open the link: **https://www.eatforhealth.gov.au/eating-well/how-understand-food-labels/food-labels-wha--look** List the information you can see List any units of measurement eg grams, cups. Select five packaged foods at your home, draw their packaging with colour and record their 'Nutrition Information.'

Term 3 / Week 6 - Culminating Task

Overview: We have been learning about how positive choices can improve our long-term physical and mental wellbeing.
Task: Create a presentation to inform and persuade a class of your choice from SJPPS to make healthier choices in **one** of the domains below:

- Healthy Eating
- Safety
- Active Lifestyles

Format: PowerPoint or Word. You may complete the task using pen and paper if you do not have access to the preferred programs.
Due Date: Friday, Week 6 by 12:00pm.

Marking Criteria: Please read this section carefully and ensure you have attempted to meet each criterion before submitting your task.

Working Towards Areas that Need Work	Achieving Standards for This Performance	Working Above Evidence of Exceeding Standards
	Receptive • I can conduct research and gather reliable information from a range of sources. • I can critically select and organise relevant ideas across a range of sources to support my claims.	
	Productive • I can clearly introduce, elaborate on and conclude to communicate ideas for a specific purpose and audience. • I can develop ideas in detail using examples and ideas derived from research using my own words. • I can use text and language features to support readers. • I can select relevant images to accompany information.	
	PDHPE Inquiry Skills • I can identify and communicate how positive choices can improve wellbeing to a chosen audience.	

Week 6 Spelling

1. mustard
2. sandwich
3. slather
4. stagnant
5. swimsuit
6. converted
7. courier
8. cuticle
9. dexterity
10. drudgery
11. couture
12. delineate
13. elegy
14. gravitas
15. inscrutable
16. betrothed
17. camembert
18. cheongsam
19. conglomerate
20. demurral

Monday

1. 31 - 20 = _____

2. 94 + 32 = _____

3. 700 ÷ 10 = _____

4. 0 x 11 = _____

5. 10 x 6 = _____

6. Round 85837 to the nearest ten. _____

7. Write the numeral for four thousand, nine hundred and three: _____

8. Complete this counting pattern:
36, 43, 50, 57, _____, _____, _____

9. Complete this counting pattern:
22, 31, 40, 49, _____, _____, _____

10. If there were 127 fans at a golf game, 36 were wearing orange and the rest were wearing pink, how many were wearing pink? _____

11. What is the average of 9, 0 and 3? _____

12. What is the price after taking 50% off $73?
_____

13. What is 1/11 of 22? _____

14. What is 1/10 of 300? _____

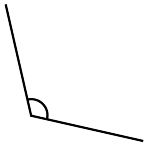
15. Write these decimals in descending order:
0.20, 0.88, 0.21, 0.80 _____

16. Write these decimals in ascending order: 0.42, 0.67, 0.52, 0.71 _____

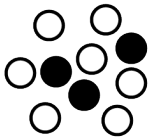
17. How many minutes from 11:30 am to 3:30 pm?
_____

18. The length of a rectangle's sides are 8cm and 5cm. What is its area? _____

19. What type of angle is this?
_____



20. Imagine these circles are in a bag. What is the probability of pulling out a white circle? _____



Tuesday

1. 39 - 16 = _____

2. 89 + 95 = _____

3. 1 x 2 = _____

4. 66 ÷ 11 = _____

5. 54 ÷ 6 = _____

6. Round 4583 to the nearest hundred. _____

7. Round 76503 to the nearest hundred. _____

8. Complete this counting pattern:
72, 74, 76, 78, _____, _____, _____

9. Complete this counting pattern:
85, 90, 95, 100, _____, _____, _____

10. What is the sum of 61 and 60? _____

11. What is the product of 2 and 12? _____

12. 20 cents + 5 cents + 50 cents = _____

13. What is 1/12 of 96? _____

14. What is 1/12 of 144? _____

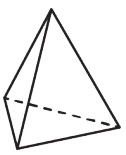
15. Write these decimals in ascending order: 0.31, 0.88, 0.55, 0.71 _____

16. Write these decimals in descending order:
0.46, 0.66, 0.81, 0.47 _____

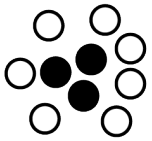
17. What digital time does the clock show? _____

18. If a square has a perimeter of 396cm, what is the length of a side? _____

19. How many vertices does a triangle-based pyramid have?



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



Wednesday

1. 58 + 67 = _____

2. 98 - 91 = _____

3. 1 x 10 = _____

4. 960 ÷ 10 = _____

5. 25 ÷ 5 = _____

6. Round 34627.90 to the nearest whole number.
_____

7. Write these numbers in descending order:
38879, 43563, 81376, 18603, 63439, 381.
_____

8. Complete this counting pattern:
37, 46, 55, 64, _____, _____, _____

9. Complete this counting pattern:
65, 75, 85, 95, _____, _____, _____

10. If there were 112 fans at a rugby league game, 20 were wearing yellow and the rest were wearing gold, how many were wearing gold? _____

11. Divide 430 by 2. _____

12. 10 cents + $2.00 + 10 cents = _____

13. What is 1/2 of 410? _____

14. What is 1/8 of 8? _____

15. Write these decimals in ascending order: 0.15, 0.19, 0.87, 0.64 _____

16. Write these decimals in descending order:
0.22, 0.40, 0.59, 0.62 _____

17. If it was 3:01 in the morning, would you write am or pm? _____

18. The length of a square's sides are 1cm. What is its area? _____

19. Draw a line of symmetry on this rectangle:

20. Imagine these stars are in a bag. What is the probability of pulling out a black star? _____

Thursday

1. 24 + 79 = _____

2. 20 - 17 = _____

3. 24 ÷ 6 = _____

4. 7 x 10 = _____

5. 35 ÷ 5 = _____

6. Round 86582.80 to the nearest whole number.
_____

7. What is the value of the number in the ten thousands place in 83042? _____

8. Complete this counting pattern:
96, 98, 100, 102, _____, _____, _____

9. Complete this counting pattern:
25, 30, 35, 40, _____, _____, _____

10. If there were 84 fans at a AFL game, 17 were wearing maroon and the rest were wearing maroon, how many were wearing maroon? _____

11. Double 86 = _____

12. What is the price after taking 50% off $19?
_____

13. What is 1/3 of 24? _____

14. What is 1/3 of 24? _____

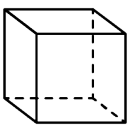
15. Write these decimals in ascending order: 0.84, 0.55, 0.70, 0.66 _____

16. Write these decimals in descending order:
0.13, 0.14, 0.63, 0.98 _____

17. How many minutes from 3 am to 10 pm? _____

18. The length of a square's sides are 8cm. What is its area? _____

19. How many vertices does a cube have?



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

Monday Mathematics

5-digit Subtraction

1 Complete these algorithms.

a 95623 − 32152 =	**b** 78331 − 44109 =	**c** 29453 − 14228 =	**d** 82846 − 31675 =	**e** 96325 − 43816 =
f 69328 − 21713 =	**g** 59432 − 36270 =	**h** 68235 − 42921 =	**i** 94299 − 39088 =	**j** 85296 − 48149 =
k 80000 − 68231 = 11769	**l** 67400 − 25733 =	**m** 89000 − 32917 =	**n** 50000 − 23809 =	**o** 75000 − 59369 =

2 As part of Paula's job at the mail centre she needs to know the population of the major towns in NSW and the differences in size between them. Help her calculate the difference in population between these towns.

Town	Population	Town	Population
Armidale	21 330	Forster	15 943
Ballina	14 554	Griffith	14 209
Broken Hill	20 963	Parkes	10 094
Byron Bay	5001	Shellharbour	46 294
Coffs Harbour	22 177	Taree	16 702
Dubbo	30 102	Wagga Wagga	42 848

a

Broken Hill	
Byron Bay	
Difference	

c

Shellharbour	
Coffs Harbour	
Difference	

e

Armidale	
Ballina	
Difference	

b

Forster	
Griffith	
Difference	

d

Wagga Wagga	
Taree	
Difference	

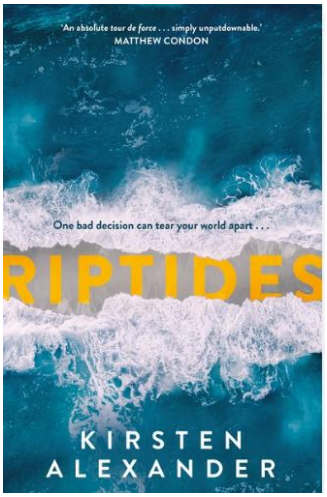
f

Shellharbour	
Broken Hill	
Difference	

3 Which town has a population 16 192 less than Shellharbour? _____

Vocabulary Check-in	
1. Predict vocabulary you think will be in this text. Use your background knowledge to help.	
2. Read the whole text, including headings, sub-headings and images.	
3. Re-read text and highlight any words that are **repeated.**	
4. Re-read text and highlight 6-8 words you think might be important to understand in this text – it might be a technical term or an unfamiliar word.	
5. Add a potential synonym above the unfamiliar words	
6. Discuss with a family member the unfamiliar word and your synonym swap. Is there a more suitable option? Is the meaning maintained?	
7. Use a thesaurus and dictionary to help. Add to word wall or on sticky notes to use again!	

Riptides by Kirsten Alexander, Penguin (2020)



PART ONE

CHAPTER ONE

Friday 6 December 1974

Charlie

I wake when Abby shouts. She reaches across me and grabs the steering wheel. A car horn brays. White beams flare at us then pitch to the right. For an instant, a rump of blue metal shines in our headlights. I elbow my sister out of the way and take the wheel, leaning back hard so I don't slam my head into it. Abby flattens her hands against the dashboard as I brake and strain to control our sideways skid. She screams my name. We sling to one side of the narrow dirt road and the other car slings the opposite way, like wrong ends of magnets made to meet. We slide to an angled stop, pointing into scrappy bushland.

Dust swirls in front of our headlights, the only movement in a frozen moment. My window is open but I don't hear a sound from the surrounding bush, the cicadas and creaky eucalypts dumbstruck. Abby and I stare through the windscreen at the dust, panting, coughing.

Neither of us moves until the cassette ejects with a clunk, having played its silent end, giving way to static. Abby hits the off button, fumbles to get out of the car and walks through the settling dust. I don't follow her straight away. I'm clocking what just happened.

Tuesday Mathematics

Problem Solving

Investigation 9

Code cracker

Master Spy Felix Mash has found a secret message. He has to crack the code quickly to save the whole world from disaster.

Help Master Spy Felix Mash crack the code.

Task:

Solve the number code to work out the secret message. The following hints and the alphabet grid may help you.

- The fourth letter in the sixth word is an **E**.
- The fourth letter in the tenth word is an **I**.
- $10 + 3 \times 7 = \mathbf{T}$
- $(93 + 39) \div 4 = \mathbf{V}$

A	B	C	D	E	F	G
				16		
H	I	J	K	L	M	N
	20					
O	P	Q	R	S	T	U
	V	W	X	Y	Z	

Secret message:

12	25	36	13	26	15	36

34	19	26

14	12	25

14	29	12	14	22

31	19	20	30

14	26	15	16
			E

20	30

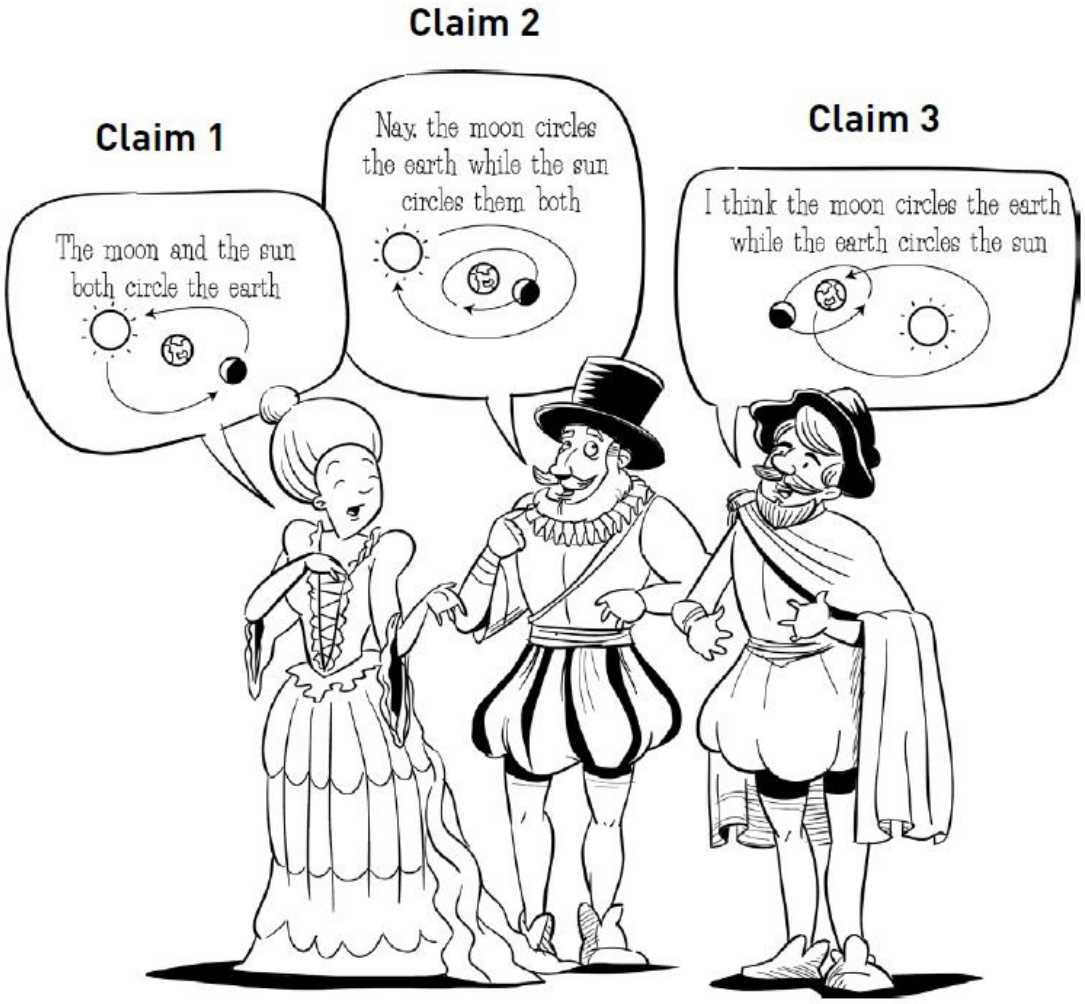
30	24	12	29	31	16	29

31	19	12	25

17	16	23	20	35
			I	

Science Worksheets

Activity 1



Write the claim you agree with in your book and justify your answer. What evidence is there to support your claim?

Activity 3

1. Identify the orbital and rotation periods of each planet, and record this information.

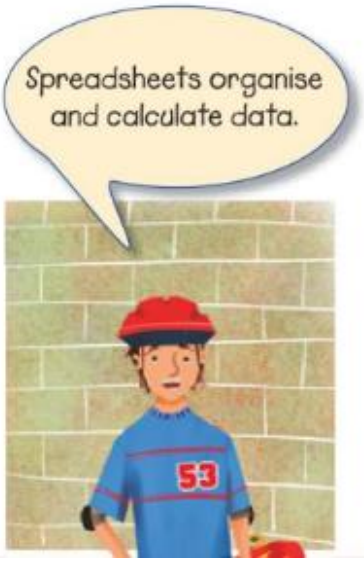
Planet	Orbital period in days or years	Rotation period in hours
Mercury		
Venus		
Earth		
Mars		
Jupiter		
Saturn		
Uranus		
Neptune		

Wednesday Mathematics

Subtraction Spreadsheet

3 Complete the spreadsheet for the Dolphins Soccer Club. It has been started for you.

	A	B	C	D	
1	Date	Item	Cost	Balance	
2	May 3	Opening			$987.90
3	May 7	Balls	$126.00	(D2-C3)	$861.90
4	May 9	Shirts	$120.32	(D3-C4)	
5	May 12	Shorts	$144.22	(D4-C5)	
6	May 18	Socks	$35.28	(D5-C6)	
7	May 22	Pads	$34.65	(D6-C7)	



Friday Mathematics

Probability Outcomes using Fractions

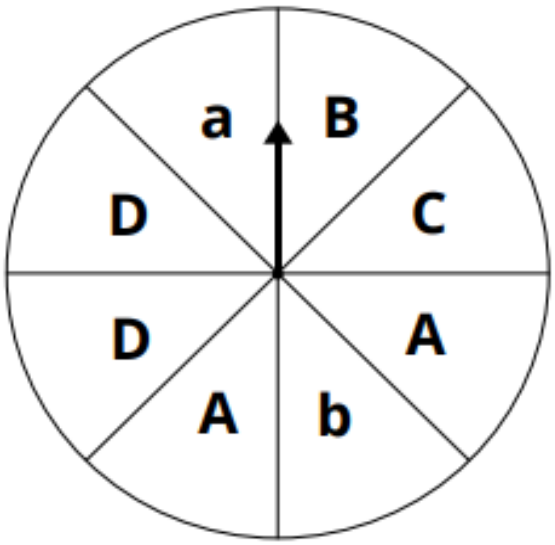
(1) a) What is the chance, as a fraction, of the spinner landing on:

i) B or b? _____

ii) A or a? _____

iii) C? _____

iv) D? _____



b) What is the chance of the spinner not landing on:

i) b or B? _____

ii) C? _____

c) What is the chance of the spinner landing on:

i) a capital letter? _____

ii) a lower-case letter? _____

d) What is the chance of the spinner landing on a vowel? _____

10 ROAD SAFETY TIPS EVERY DRIVER SHOULD KNOW

① No mobile phone while driving

Every activity using your mobile phone while driving can distract your attention that could lead to an accident.

② Belt up in the back

In a collision, an unbelted rear passenger can kill or seriously injure the driver or a front seat passenger.

③ Don't Drink and Drive

Drinking alcohol and driving simply do not go together. When drinking alcohol, driving becomes dangerous and is potentially lethal!

④ Slow down

At 30mph you are twice as near to hit and kill a pedestrian than at 20mph.

⑤ Children

Children are most of the times reckless and often act impulsively, take extra care when driving in schools zones and playgrounds

⑥ Take a break

Tiredness is considered one of the major factors of road accidents. When driving long hours, have a break and rest for at least a 15 minute every 3 hours.

⑦ Share if you can

For long trips, share the driving responsibilities with someone else. This will allow you to keep an eye on each other while driving and also enable you to nap without losing time

⑧ Anticipate

Do not think that you are the only one who uses the road, use your side and rear mirrors regularly.

⑨ Use car seats

Child and baby seats should be fitted properly and checked every trip.

⑩ Keep your distance

Always keep a two second or imaginary two cars as gap between you and any vehicle in front.

Activity 4

Answer the following questions:

1. What is gravity?

2. What would happen if gravity did not exist?

3. Which scientist discovered gravity? Explain how he made this discovery.

4. Write true (T) or false (F).

a. Mass is the amount of matter an object contains.	
b. Mass is measured in centimetres or metres.	
c. Mass can change.	
d. Objects with mass exert force of gravity.	
e. Objects with a large mass exert a large force of gravity.	
f. The further apart objects are, the less the force of gravity.	
g. The sun has the greatest mass in the solar system.	
h. The moon is kept in Earth's orbit by gravity.	
i. The ocean's tides are affected by the moon's gravity.	
j. Weight can change if gravity changes.	
k. The planets that travel faster around the sun and are more affected by its gravity, are those which are further away.	
l. Due to gravity, a person will weigh less on the moon than on Earth.	
m. Due to gravity, a person will weigh more on Jupiter than on Earth.	
n. The planets, satellites, asteroids, comets and meteoroids are all pulled into elliptical orbits by the sun's strong gravitational force.	