



St Johns Park Public School - Year 6, Term 4, Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	<p><u>FITNESS</u></p> <ul style="list-style-type: none"> • 15 crunches • 30 side scissors • 15 leg raises • 30 shoulder blasts. (15 forward/15 backward). Hold your arms straight out to the sides. Make arm circles forward. Reverse direction and make arm circles backward. Start with smaller circles then gradually larger circles <p><u>ENGLISH:</u> Word of the day: ambidextrous</p> <ul style="list-style-type: none"> • Look-up meaning of the word. • What part of speech is it? (E.g. noun, verb, adverb) • Research the etymology (the origin of the word) • Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS</u></p> <ul style="list-style-type: none"> • 15 crunches • 30 side scissors • 15 leg raises • 30 shoulder blasts. (15 forward/15 backward). Hold your arms straight out to the sides. Make arm circles forward. Reverse direction and make arm circles backward. Start with smaller circles then gradually larger circles <p><u>ENGLISH:</u> Word of the day: composition</p> <ul style="list-style-type: none"> • Look-up meaning of the word. • What part of speech is it? (E.g. noun, verb, adverb) • Research the etymology (the origin of the word) • Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS</u></p> <ul style="list-style-type: none"> • 15 crunches • 30 side scissors • 15 leg raises • 30 shoulder blasts. (15 forward/15 backward). Hold your arms straight out to the sides. Make arm circles forward. Reverse direction and make arm circles backward. Start with smaller circles then gradually larger circles <p><u>ENGLISH</u> Word of the day: dysfunctional</p> <ul style="list-style-type: none"> • Look-up meaning of the word. • What part of speech is it? (E.g. noun, verb, adverb) • Research the etymology (the origin of the word) • Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS</u></p> <ul style="list-style-type: none"> • 15 crunches • 30 side scissors • 15 leg raises • 30 shoulder blasts. (15 forward/15 backward). Hold your arms straight out to the sides. Make arm circles forward. Reverse direction and make arm circles backward. Start with smaller circles then gradually larger circles <p><u>ENGLISH</u> Word of the day: venture</p> <ul style="list-style-type: none"> • Look-up meaning of the word. • What part of speech is it? (E.g. noun, verb, adverb) • Research the etymology (the origin of the word) • Write two interesting complex/ compound sentences using the word. 	<p><u>FITNESS</u></p> <ul style="list-style-type: none"> • 15 crunches • 30 side scissors • 15 leg raises • 30 shoulder blasts. (15 forward/15 backward). Hold your arms straight out to the sides. Make arm circles forward. Reverse direction and make arm circles backward. Start with smaller circles then gradually larger circles <p><u>ENGLISH</u> Word of the day: unanimous</p> <ul style="list-style-type: none"> • Look-up meaning of the word. • What part of speech is it? (E.g. noun, verb, adverb) • Research the etymology (the origin of the word) • Write two interesting complex/ compound sentences using the word.

SPELLING

Phoneme: ual
Spelling words: actual, gradual, equal, eventual, continual

Complete Unit 21, Page 42 Worksheet

READING/WRITING

Learning Intentions:

Analyse how text structures meet the purpose of the text

Success Criteria:

Today you will construct an informative text by reading each paragraph and placing it in correct form.

Watch the video:

<https://www.youtube.com/watch?v=53L-5zE7Ibw>

After watching the video answer these questions:

- What is the purpose of informative writing?
- What is a 'reliable source' of information?
- What text features might you find in an informative text?

View **slides on Informative Text (Google classroom, Seesaw).**

SPELLING

Spelling Rule: A few nouns form the plural by a change of vowel or vowels.

E.g. oasis > oases

Spelling words: narrow, patterns, opposite, problems, oasis

Create a crossword using today's 5 spelling words using the website:

<https://worksheets.theteacherscorner.net/make-your-own/crossword/>

The definitions you use should be written in your own words.

READING/WRITING

Learning Intentions:

Analyse how language features meet the purpose of the text.

Success Criteria:

Today you will identify language features used in an informative text.

- Read the informative text, What Are Earthquakes?,
- Think about:

- What type of words are used in this text?
- Why do you think the author chose these types of words?
- If these words were removed from the text, what might be the

SPELLING

Spelling words: queue, tourist, cyclist, inferior, council

Complete Unit 21, Page 43 Worksheet

READING/WRITING

Learning Intentions:

Analyse how text structures and features meet the purpose of the text

Success Criteria:

Today you will be reconstructing a paragraph.

- Read an informative paragraph on, 'What causes flooding'.
- After reading, answer these questions:

- Do you think this paragraph flows smoothly? Why or why not?
- What is wrong with the way this paragraph is structured?
- How might these problems be fixed?

SPELLING

Spelling words: shyness, increase, maternal, miserable, numerous

Define the word: maternal
Put the word into 2 different sentences which demonstrate its meaning.

Draw a picture demonstrating a maternal instinct

READING/WRITING

Learning Intentions:

Plan, draft and publish informative texts.

Success Criteria:

Today we will write an informative paragraph

-View the video using the following clip.

<https://youtu.be/90TT0q2mHws>-Answer these questions:

- What is another word that could be used instead of 'sections'?
- Why are headings so helpful in informative texts?
- Why are paragraphs so important when writing informative texts?

-Read the poster on 'Paragraphs in informative writing'. This will

SPELLING

Spelling words: symmetry, committee, organisation, emphasised, entertainment

Define the word: symmetry
Put the word into 2 different sentences which demonstrate its meaning.

Draw a picture demonstrating symmetry

READING/WRITING

Learning Intentions:

Plan, draft and publish informative texts.

Success Criteria:

I can use a fact file and scaffolding sheet to write an informative text in pairs.

You are going to apply your knowledge of informative text structure, language features and paragraph structure to write an informative text on the weather.

Introduce a fact file on weather. The facts in the fact file are key phrases only, rather than full sentences.

<p>-Read the slides under the headings, What are information texts, Structure and information on T-Rex.</p> <p>-Using this information, write down the structure of an informative text.</p> <p>-Complete the sorting out task worksheet by rearranging the structure of an information report.</p>	<p>effect of this?</p> <p>- Complete the comprehension questions.</p> <p>View slides on Informative Text (Google classroom, Seesaw).</p> <p>-Read the slide on, Language features.</p> <p>-Make a list the different types of language features used in the information report on T-Rex.</p> <p>-Work through the worksheet on Tropical Cyclones.</p>		<p>support your paragraph writing.</p> <p>Today your topic is, 'Earthquakes can be dangerous and destructive natural disasters.</p> <p>-Brainstorm and list facts that could be included in your paragraph.</p> <p>-Use the informative paragraph planning template and complete the plan, include appropriate language features, such as subject-specific vocabulary.</p> <p>Write a paragraph on Earthquakes using your own fact file.</p>	<p>-Explain why it is not necessary (or appropriate) to write full sentences when recording research.</p> <p>-Refer to this checklist frequently during the writing process.</p> <p>Use these facts to write an informative text.</p> <p>Use the categories in the sorting table as subheadings within the informative text.</p>
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Break	Break	Break	Break	Break	Break
Middle	<p><u>MATHEMATICS</u> Complete - Maths Mentals Time yourself, record your time.</p> <p>Complete your assigned Mangahigh activity</p> <p>Complete the worksheet on ‘Evaluating Expressions’ (The skills and knowledge you used previously when learning about Linear Equations and Expressions will assist you here)</p> <p><u>HSIE – Geography</u></p> <p>LI: Students learn that fire needs three things to start and continue burning.</p> <p>SC: To prevent or control a fire, at least one of the components must be removed.</p> <p>The fire triangle has three essential components:</p> <ul style="list-style-type: none"> Fuel Heat Oxygen in the air <p>https://www.youtube.com/watch?v=yn1W8pBOy08</p>	<p><u>MATHEMATICS</u> Complete - Maths Mentals Time yourself, record your time.</p> <p>Complete your assigned Mangahigh activity</p> <p><u>How Many Characters Challenge</u></p> <p>Watch the first video on the following link to learn about our mathematical problem:</p> <p>https://vimeo.com/420936563</p> <p>Instructions: How many unique mini figs can we make for our \$25? Use your workbook to record your initial thinking.</p> <p>Once you’ve given it a go, watch the second video to see how you went!</p> <p>https://vimeo.com/420940519</p> <p><u>Sport</u></p> <p>Keeping active through physical activity and sport has many benefits for the body.</p> <p>Go outside and play a sport of</p>	<p><u>MATHEMATICS</u> Complete - Maths Mentals Time yourself, record your time.</p> <p>Complete your assigned Mangahigh activity</p> <p><u>Number Talk</u></p> <p>Watch the following number talk, you will need a pencil and your workbook.</p> <p>https://vimeo.com/414606206</p> <p>Instructions:</p> <ul style="list-style-type: none"> What are 5 ways you can solve the problem? Remember you can use the blue (Strongman), green (Robot) or purple (Flamingo) strategies, but you also need to think of 2 more. How could you use the strategies shared by the blue team’s thinking (Strongman), green team’s thinking (Robot) and purple team’s thinking (Flamingo) to solve your problem (2.3 - 1.9)? Record your thinking in your student workbook 	<p><u>MATHEMATICS</u> Complete - Maths Mentals Time yourself, record your time.</p> <p>Complete your assigned Mangahigh activity</p> <p>Complete the worksheet on ‘Converting Mass and Problem Solving’</p> <p><u>Science</u></p> <p>Inquiry focus: How have root system adaptations assisted trees to survive in Australian mangrove forests?</p> <p>Activity 3: Watch the video – Plant Adaptations https://www.youtube.com/watch?v=y4QySmV1mqw</p> <p>Identify different types of plant adaptations that assist plants to survive in wet environments, such as rainforests, and dry environments, such as deserts.</p> <p>Record notes as you are viewing the video. You can write dot points or draw diagrams.</p>	<p><u>MATHEMATICS</u> Complete - Maths Mentals Time yourself, record your time.</p> <p>Complete your assigned Mangahigh activity</p> <p>Complete the worksheet on ‘Measuring Capacity’</p> <p><u>Sport</u></p> <p>Keeping active through physical activity and sport has many benefits for the body.</p> <p>Go outside and play a sport of your choice for at least 30 minutes.</p>

	<p>https://www.youtube.com/watch?v=c4Apzo-Mk7A</p> <p>After watching YouTube write a paragraph explaining their relationship(fuel, heat and oxygen) to each other. Relate your explanation to the experiment that you did last week. You can update your 'before and after' observations and add the correct terminology to reference them to the Fire Triangle.</p>	<p>your choice for at least 30 minutes.</p>	<p>and post on Seesaw for your teacher to see.</p> <p style="text-align: center;"><u>Drama</u></p> <p><i>How Persuasive Are You?</i> Create a 20 second advertisement selling an object e.g. a pen, calculator</p> <p>In your advertisement, apply persuasive techniques and a salesperson voice.</p> <p>You can record yourself or record a voiceover</p> 		
Break	Break	Break	Break	Break	Break
Afternoon	<p style="text-align: center;"><u>Science</u></p> <p><i>Inquiry focus: What is an adaptation?</i></p> <p>Refer to the worksheet. Complete Activity 1.</p> <p>Activity 2: Visit the website - Parts of a Plant https://www.dkfindout.com/us/</p>	<p style="text-align: center;"><u>Visual Arts</u></p> <p>Activity: DIY Origami Corner Bookmark</p> <p>You need: *paper, markers, pencil,</p>	<p style="text-align: center;"><u>Dance</u></p> <p>Warm Up - www.youtube.com/watch?v=UNJFORsSFic</p> <p>Watch and follow along to the Year 6 Leavers Dance - Part 2. Practice until you have learnt all</p>	<p style="text-align: center;"><u>HSIE – Geography</u></p> <p>LI: Students learn that fire needs three things to start and continue burning.</p> <p>SC: To prevent or control a fire, at least one of the components must be removed.</p> <p>Relate what you discovered</p>	<p style="text-align: center;"><u>Personal Development/Health Safe Behaviours</u></p> <p>Define 'safe' and 'unsafe' behaviour From your experience: list five key words that describe the word 'safe' and five key words that describe the word 'unsafe'.</p> <p>Read the information sheet</p>

<p>animals-and-nature/plants/parts-plant/</p> <p>Using the information on the website, draw a diagram of a plant. Label your drawing with the following parts: flower bud, leaf, leaf stalk, stem, main root and root hairs. Write a caption explaining the function of each part.</p> <p>Take the plant quiz on the website and share your score on Seesaw. You may take a screenshot of your score.</p>	<p>scissors, glue</p> <p>*Make 3 Corner Bookmarks</p> <p>*You can create your own pictures on the Corner Bookmarks.</p> <p>*Watch the website below:</p> <p>https://www.youtube.com/watch?v=_lhcPFhRyRg</p> <p>*Be creative!</p> <p>*Upload your Corner Bookmarks to Seesaw.</p>	<p>the movements.</p> <p>www.youtube.com/watch?v=KqLRx3k7egA</p>	<p>about fire to a bushfire and answer these questions:</p> <ul style="list-style-type: none"> • What are the potential fuels in a bushfire? • How can those fuels ignite? • What do fire-fighters do to control and extinguish a bushfire? <p>Share your ideas and responses on Seesaw. Revise and add to the initial brainstorm list to describe what a fire needs to start.</p> <p>Extending Look into fine fuels vs. larger fuels, and explain why things burn differently.</p>	<p>https://tinyurl.com/dbc7nbjy</p> <p>What are some examples of safety behaviours? Why do people choose this type of behaviour? List the four reasons why safety behaviours are a problem.</p> <p>Watch this link https://tinyurl.com/k8bdk6ur</p> <p>What are body clues? List the examples of body clues discussed in the video. Have you ever experienced any of these body clues? If yes, explain the situation/s. Do you feel it is important to listen to body clues? Why/why not? Who would you tell if you had a body clue and why?</p>
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Spelling

UNIT 21

Phonics	Basic list / High frequency	Difficult	Own words
actual gradual equal eventual continual	narrow patterns opposite problems oasis queue tourist cyclist inferior council shyness increase maternal miserable numerous	symmetry committee organisation emphasised entertainment	



Spelling rule

A few nouns form the plural by a change of vowel or vowels.
 Example:
 oasis oases

1. Write the plural of these words.

- a man _____
- b goose _____
- c tooth _____
- d woman _____
- e emphasis _____

Words in context

2. Choose a list word to complete these sentences.

- a The _____ of black is white.
- b An _____ appeared in front of the desert tourists.
- c The _____ u _____ won't let cyclists ride in this area.
- d The girl's shyness made her feel _____.
- e There are _____ patterns on this beautiful fabric.



3. Complete these words by adding the **missing letters**.

a m _ s _ r _ b l _
 b g r _ d _ _ l _

c n _ m _ r _ _ s _
 d s _ m m _ t r _

e _ n t _ r t _ _ n m _ n t
 f _ _ s _ s

Wrong spelling

4. Correct the spelling mistakes.

- a The que of tourists increased by lunchtime.
- b What is the oppersite of the word 'problems'?
- c The council emphasised the need for narrowe lanes.
- d I can inkrease the amount of money I save.
- e The entertainment was misarable.



Word meanings

5. Choose a word from the lists to match the clues below.

- a Bashfulness _____
- b One who travels for pleasure _____
- c A line of people _____
- d Consisting of many _____
- e Person who rides a bike _____
- f Motherly _____

A	B	C	D	E	F	G	H	I
✓	□	*	☑	X	☾	↑	★	○

J	K	L	M	N	O	P	Q	R
☾	□	▣	△	\$	+	=	🏠	▼

S	T	U	V	W	X	Y	Z
■	●	◇	↓	☾	⊙	⊗	◇

Secret code

6. Find these list words using the secret code.

- a + ✓ ■ ○ ■ _____
- b * ⊗ * □ ○ ■ ● _____
- c ● ◇ X ◇ X _____
- d \$ ✓ ▼ ▼ + ☾ _____

7. Write one of the difficult words using the code. _____

8. Write a sentence using these words.

- a narrow _____
- b numerous _____
- c opposite _____

9. Write the **plural** of these words.

- a opposite _____
- b queue _____
- c cyclist _____
- d tourist _____
- e increase _____
- f council _____

10. Write **smaller words** that you can find in these words.

- a committee _____
- b miserable _____

Grammar - Personal pronouns

11. A personal pronoun is used in place of a noun to represent a person or group of people. Example: Sam is tall. He is also smart. **Underline** the personal pronouns in the sentences below.

- a She is going to the beach.
- b We are sitting together.
- c They are tourists.
- d Abby gave me the pen.



Homophones

12. Write homophones for these words.

a	peace	_____
b	hear	_____
c	write	_____
d	bear	_____
e	waste	_____

Suffixes and prefixes

13. Use a suffix or prefix to write the antonyms.

a	useful	use _____
b	airy	air _____
c	worth	worth _____
d	proper	_____ proper
e	imaginable	_____ imaginable

Punctuation - The apostrophe

14. The apostrophe can be used to show possession. Put an apostrophe in the correct places below.

- a Noahs bag
- b The mens lunches
- c The childs book
- d The canaries seeds
- e The ladys car
- f Emmas pencil
- g The dogs bone
- h Many girls shoes

Root words - Word meanings

15. The root of the word *legislate* is **leg**, which is a Latin root meaning *law*. Write two more words that have the root **leg**. You may need a **dictionary**.

legislate _____

Monday – Reading/Writing

Informative Structure - Sorting Task

1. Cut out and read each paragraph of the informative text.
2. Decide which part of informative structure each paragraph belongs to.
3. Glue the paragraph into the correct row of the table on the next page.
4. Read through the entire text in the correct order.

Modern iPads have many useful features. The iPad has internal speakers, allowing the user watch movies and listen to music. When connected to the internet, iPads are able to download a variety of applications. Newer iPads also contain a camera, enabling the user to shoot video and capture photos.

The iPad was the first popular mobile tablet of its kind. It was designed specifically for people who required a mobile device that was bigger than a smartphone, but smaller than a laptop.

The iPad has been adapted many times since it was first released in 2010. The first iPad had a 9.7-inch screen and wi-fi capabilities, but no camera. It came only in black and had a battery life of ten hours. Newer versions of the device are thinner, have greater storage capacity and additional features.

The Apple iPad

So far, there have been six versions of the iPad. It is likely that the device will continue to adapt with new advances in technology in the future.

The iPad looks similar to other hand-held tablet devices. It is approximately the size of a sheet of paper and weighs around 500 grams (1.5 pounds). The touchscreen display is high resolution and is made from scratch-resistant glass. People often purchase a cover for their iPad to protect it from damage.

Informative Structure - Sorting Task

Name _____

Date _____

Title	
Introduction	
Description (appearance)	
Description (features)	
Description (adaptations)	
Conclusion	

Monday - Mathematics**Evaluating Expressions**

Evaluate each expression using the values given.

1. $y(1 + 9)$
($y = 3$)

6. $vx - 1$
($x = 3, v = 1$)

11. $u + 9 + 2$
($u = 7$)

2. $5 \div 1 \cdot c$
($c = 8$)

7. $3 \div y^2$
($y = 3$)

12. $10 + 6 - u$
($u = 8$)

3. $2u \cdot 4$
($u = 8$)

8. $1 - y \div y$
($y = 10$)

13. $1 - b + 3$
($b = 1$)

4. $(6 + c) \cdot 6$
($c = 8$)

9. $c - 1 + u$
($c = 5, u = 4$)

14. $x + u - 5$
($x = 3, u = 2$)

5. $c \div c \cdot 6$
($c = 9$)

10. $a + b \div 7$
($a = 1, b = 3$)

15. $8 \div x \cdot x$
($x = 1$)

Monday – Science

Science Worksheet

Activity 1: Adaptations

Use the words in the box below to complete the cloze passage.

adapt	characteristic	Organisms	survive
adaptation	combat	over time	tropical rainforests
aquatic	deserts	reproduce	
behaviour	environment	structural features	

When changes occur in an _____(1), the living things that exist in that environment must _____(2) to different conditions. If they cannot adapt to their new environment, they may not _____(3). This means there will be fewer organisms that can _____(4) to replenish the species' population.

When living things change a _____(5) to better suit their environment, the characteristic changed is called an _____(6). These adaptations can change their _____(7) or their _____(8).

Adaptations occur _____(9) as the result of changing conditions in the environment. _____(10) adapt to _____(11) high or low temperatures, high or low rainfall, availability of sunlight, natural disasters, predation and availability of food and water sources.

Plants and animals that live in _____(12) (both hot and cold) have adapted to survive extreme temperatures and low rainfall; while plants and animals that live in _____(13) have adapted to survive in warm temperatures with high rainfall. In contrast, plants and animals live in _____(14) environments have adapted to survive in water that is affected by changing tides and water temperatures.

Tuesday – Reading/Writing

An earthquake is a sudden shaking or movement of the earth's crust. This movement tears apart the surface of the earth, or crunches it up. Usually, this results in some minor shaking for a few seconds and nothing very serious happens. However, there are some occasions when these plate movements cause major shaking. The resulting earthquake in these cases can have very serious consequences.



Tropical Cyclones

Find and underline these language features in the following informative text:

- subject-specific vocabulary (red)
- adjectives describing nouns (blue)
- time connectives (green)
- comparative language (purple)

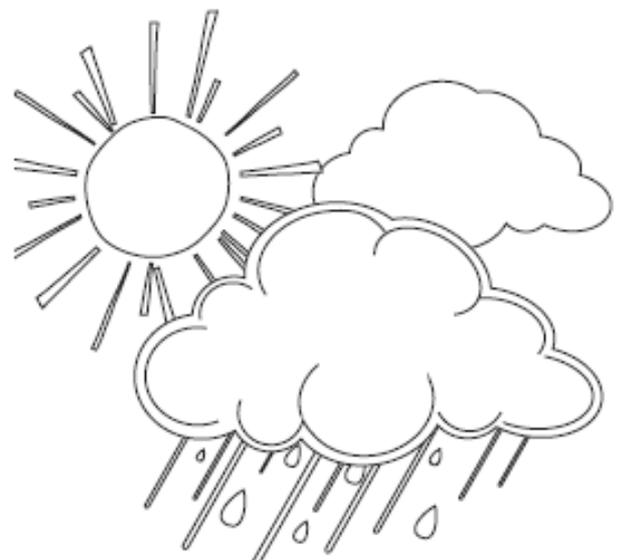
Cyclones are intense tropical storms with powerful winds and heavy rain. They can also be referred to as hurricanes, typhoons or tropical depressions.

Cyclones usually begin over warm seas where there is low atmospheric pressure. Then, the moist air begins to spiral into a strong storm. Once crossing over onto land, cyclones typically become weaker. When they move away from the water, they are cut off from their energy source.

Cyclones have three parts: the rainbands, the eye and the eyewall. Weather in the eye of a cyclone is usually calmer than on the outside. The diameter of the eye is around 50 kilometres (30 miles) in length, but can sometimes be even larger.

Cyclone intensity is measured by the storm's wind speed, on a scale of 1-5. The strongest cyclones are known as category 5 and can move faster than 300 km/h (180 m/h). When the winds begin, they can cause intense damage, such as ripping trees from the ground and flattening buildings.

Cyclones can cause widespread destruction. When these storms occur, people living in cyclone-prone areas must know how to keep themselves safe.



Wednesday – Reading/Writing

What Causes Flooding?

Description

Flooding can happen for several reasons. Heavy rainfall is one of the major causes of flooding.

When rain falls over an area of land, some of the water is absorbed by the soil. The water that is not absorbed becomes runoff. This water flows into stormwater drainage systems. When there is more rainfall than the stormwater drainage systems can take, flooding can occur.

Paragraphs in Informative Writing

1.

Introduce the subject using a clear topic sentence.

2.

State facts about the subject in a logical order.

3.

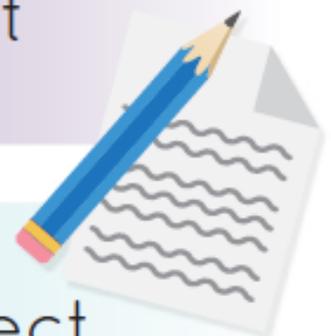
Describe the subject using appropriate technical vocabulary.

4.

Conclude with a statement about the subject.

HINT

Focus on only one aspect of the subject per paragraph.



Informative Paragraph — Planning Template

Introductory sentence: Introduce the subject using a clear topic sentence.

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Description: State facts about the subject in a logical order.

Fact 1	Fact 2	Fact 3

Concluding sentence: Conclude with a statement about the subject.

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Thursday – Mathematics

Converting Mass and Problem Solving

1. a. Calculate the mass of 2, 5, 10, 20 and 50 of these. Write the answer in grams in a table.

	X2	X5	X10	X20	X50
Drawing Pin (2g)					
Sharpener (20g)					
Box of Staples (200g)					

b. Re-draw your table, *converting all amounts to a decimal fraction of a kilogram*. Hint: 1 gram is the same as 0.001 kilogram

	X2	X5	X10	X20	X50
Drawing Pin (2g)					
Sharpener (20g)					
Box of Staples (200g)					

c. How many drawing pins are there in 1 kilogram? _____

d. Sharpeners are sold in boxes of 20. How many boxes would you need to make 1 kilogram?

e. The manufacturer ships staples in boxes of 50. How many boxes make 1 tonne?

2. A transport vehicle weighs 5 tonnes. If it is also carrying three containers each weighing 1.95 tonnes, what is the total mass of the vehicle and its load?

3. Find the cost of 2.5kg of steak at \$4.98 a kg, 3kg of sausages at \$2.97 a kg and 1.5kg of chops at \$2.78 a kg.

4. Which team should win the Tug-o'-War, the Red Team with members weighing 45kg, 51kg, 60kg, 44kg and 45kg or the Blue Team with members weighing 45kg, 52kg, 57kg, 40kg and 58kg?

5. The maximum load permitted on a truck is 3 tonnes.

a) What would be the mass of 65 containers each 39.5kg?

b) Would this load be permitted on the truck? _____

Friday – Reading/Writing

Informative Text Fact File – Weather

Read the facts about weather, then sort them into the correct box in the fact file.
Hint: There are three facts per box.

the sun heats the air in the earth's atmosphere in different amounts

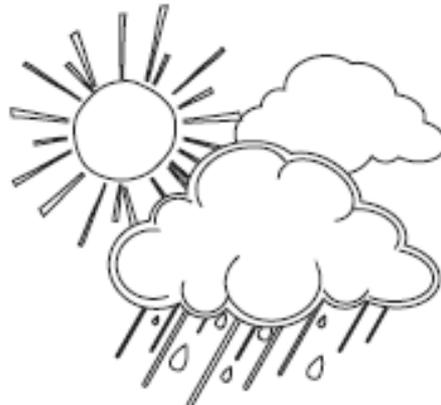
systems are high or low pressure

winds bring sunny, wet or stormy conditions to a particular place

consists of rain, wind, storms, clouds and sun

satellites take images of the earth's atmosphere from space

low pressure systems bring moist air and stormy conditions



the daily conditions of a place

high pressure systems bring clear skies and warm temperatures

weather stations on land and sea gather data about the weather

warm and cold air swirl around together, creating winds

data is fed into computers to produce charts and forecasts

includes temperature, wind, humidity, air pressure and cloud cover

What is weather?	What causes weather?
What are weather systems?	How can weather be predicted?

Informative Text Checklist

Structure

- ✓ My informative text begins with a general statement which introduces and classifies the subject.
- ✓ My informative text contains a series of factual paragraphs which describe the characteristics of the subject.
- ✓ My informative text ends with a concluding statement which sums up the information presented about the subject.

Language and Features

- ✓ I have used a formal tone when writing.
- ✓ I have tried to sound like an expert on the topic.
- ✓ I have used subject-specific, technical vocabulary.
- ✓ I have used the verbs 'to be' and 'to have'.
- ✓ I have used present tense.
- ✓ I have used nouns and noun categories.
- ✓ I have used adjectives and adverbs to enhance description.
- ✓ I have used time connectives.
- ✓ I have used phrases showing cause and effect.
- ✓ I have used comparative language.

Friday – Mathematics

Measuring Capacity

1000 millilitres (mL) = 1 litre (1 L)

1000 litres (L) = 1 kilolitre (1 kL)

1. Sort the following according to which unit they are usually measured

 Pools Cans of drink cartons of milk medicine

- a. Millilitres (mL) - _____
b. Litres (L) - _____
c. Kilolitres (kL) - _____

<i>To convert from Millilitres to Litres</i> Divide the number of millilitres by 1000	<i>To convert from Litres to Kilolitres</i> Divide the number of Litres by 1000
<i>To convert from Litres to Millilitres</i> Multiply the number of Litres by 1000	<i>To convert from Kilolitres to Litres</i> Multiply the number of Kilolitres by 1000

2. Match the equivalent measurements

74 kilolitres	40 020 litres
40.02 kL	0.681 kilolitres
681 Litres	0.000681 kL
7215 litres	7.215 kL
0.681 L	74 000 litres

3. Problem Solving

- a. A backyard swimming pool contains 45 000 litres. Half of the water had to be removed to enable repairs to the pool wall. How many kilolitres are left in the pool?

- b. A house has two rainwater tanks. Each tank can hold 5000 litres of water. Altogether, how many litres of water can be stored in the tanks?

- c. A water tank has a capacity of 6.25 kilolitres. How many litres does the water tank hold when it is full?

- d. A leaking tap loses 1 mL every 25 seconds. How much water will it lose in:
i. 10 minutes? _____
ii. 1 hour? _____
iii. 1 day? _____

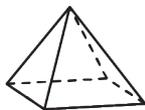
4. *Extension – Research the following and record your answer in Kilolitres. Then convert the measurement to Litres.*

<i>The amount of liquid in:</i>	<i>Kilolitres</i>	<i>Litres</i>
A large rainwater tank		
The hot water system at home		
An average pool		

Monday

1. $48 + 45 + 43 =$ _____
2. $46 + 56 =$ _____
3. $36 \div 9 =$ _____
4. $32 \times 2 =$ _____
5. $8 \times 5 =$ _____
6. Round 55040 to the nearest thousand. _____
7. Write these numbers in descending order: 1634, 92771, 58909, 85238, 33050, 2695. _____
8. Complete this counting pattern:
95, 105, 115, 125, _____, _____, _____
9. Complete this counting pattern:
53, 57, 61, 65, _____, _____, _____
10. What is the sum of 22 and 91? _____
11. Share \$42 between 6 children. _____
12. What is the price after taking 50% off \$52? _____
13. What is $\frac{1}{3}$ of 6? _____
14. What is $\frac{1}{7}$ of 42? _____
15. $0.93 \times 10 =$ _____
16. Write these decimals in descending order: 0.39, 0.14, 0.27, 0.56

17. How many minutes from 4:30 am to 11:30 pm? _____
18. The length of a square's sides are 2cm. What is its area? _____
19. How many vertices does a square-based pyramid have?



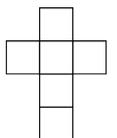
20. Which star has the highest chance of being selected? Black or white? _____



Tuesday

1. $77 + 42 + 63 =$ _____
2. $43 + 90 =$ _____
3. $29 \times 2 =$ _____
4. $55 \div 11 =$ _____
5. $5 \times 9 =$ _____
6. Round 7479 to the nearest ten. _____
7. What is the value of the number in the thousands place in 34753? _____
8. Complete this counting pattern:
40, 51, 62, 73, _____, _____, _____
9. Complete this counting pattern:
83, 94, 105, 116, _____, _____, _____
10. What is the difference between 28 and 25? _____
11. What is the average of 6, 3 and 6? _____
12. What is the price after taking 25% off \$32? _____
13. What is $\frac{1}{9}$ of 63? _____
14. What is $\frac{1}{5}$ of 20? _____
15. Write these decimals in descending order: 0.33, 0.80, 0.23, 0.45

16. $0.98 \times 10 =$ _____
17. How many minutes from 2:30 am to 5:30 pm? _____
18. The length of a rectangle's sides are 6cm and 6cm. What is its area? _____
19. What is the name of the 3D object this net forms? _____



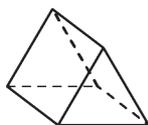
20. Which star has the lowest chance of being selected? Black or white? _____



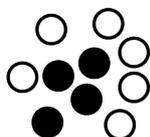
Wednesday

1. $99 + 89 + 48 =$ _____
2. $83 + 100 =$ _____
3. $2 \times 4 =$ _____
4. $42 \times 2 =$ _____
5. $11 \div 11 =$ _____
6. Round 72701 to the nearest thousand. _____
7. Round 80847.50 to the nearest whole number. _____
8. Complete this counting pattern:
54, 66, 78, 90, _____, _____, _____
9. Complete this counting pattern:
35, 40, 45, 50, _____, _____, _____
10. What is the difference between 33 and 20? _____
11. How much is 5L at \$12 per litre? _____
12. What is the price after taking 50% off \$79? _____
13. What is $\frac{1}{6}$ of 42? _____
14. What is $\frac{1}{7}$ of 14? _____
15. $0.33 \times 100 =$ _____
16. Write these decimals in ascending order: 0.55, 0.31, 0.69, 0.47

17. What is the 24-hour time 5:52 in 12-hour time? _____
18. The length of a rectangle's sides are 3cm and 3cm. What is its area? _____
19. How many vertices does a triangular-based prism have?

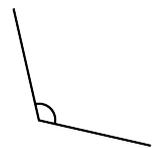


20. Which circle has the highest chance of being selected? Black or white? _____



Thursday

1. $54 + 80 =$ _____
2. $65 - 45 =$ _____
3. $8 \times 8 =$ _____
4. $44 \times 2 =$ _____
5. $12 \div 4 =$ _____
6. Round 56167 to the nearest ten. _____
7. Write the numeral for twenty thousand, four hundred and sixty-six: _____
8. Complete this counting pattern:
80, 87, 94, 101, _____, _____, _____
9. Complete this counting pattern:
30, 34, 38, 42, _____, _____, _____
10. If there were 132 fans at a rugby league game, 88 were wearing light blue and the rest were wearing green, how many were wearing green? _____
11. Divide 88 by 8. _____
12. What is the price after taking 25% off \$51? _____
13. What is $\frac{1}{12}$ of 24? _____
14. What is $\frac{1}{5}$ of 25? _____
15. $0.70 \times 10 =$ _____
16. $0.56 \times 100 =$ _____
17. How many minutes from 7:30 am to 7:30 pm? _____
18. The length of a rectangle's sides are 1cm and 8cm. What is its area? _____
19. What type of angle is this? _____



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



Friday

1. $88 + 69 + 65 =$ _____

2. $81 + 89 =$ _____

3. $12 \times 11 =$ _____

4. $99 \times 2 =$ _____

5. $36 \div 3 =$ _____

6. Round 50516 to the nearest hundred. _____

7. Round 13765 to the nearest ten. _____

8. Complete this counting pattern:

64, 71, 78, 85, _____, _____, _____

9. Complete this counting pattern:

23, 32, 41, 50, _____, _____, _____

10. If there were 107 fans at a tennis game, 33 were wearing pink and the rest were wearing green, how many were wearing green?

11. Divide 36 by 4. _____

12. What is the price after taking 10% off \$48? _____

13. What is $\frac{1}{9}$ of 27? _____

14. What is $\frac{1}{4}$ of 32? _____

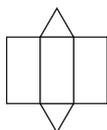
15. Write these decimals in ascending order: 0.21, 0.62, 0.19, 0.21

16. Write these decimals in descending order: 0.28, 0.87, 0.15, 0.48

17. How many minutes from 2:30 am to 1:30 pm? _____

18. The length of a rectangle's sides are 51cm and 73cm. What is its perimeter? _____

19. What is the name of the 3D object this net forms? _____



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

