



Weekly Overview					
	Session 1	Session 2	Session 2	Session 3	
Monday	English WALT: read for an extended period of time WALT: Comprehend texts by making predictions and making connections WALT: spell unfamiliar words	Mathematics WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers	Wellbeing WALT: practise strategies that improve mental health and wellbeing	P.D.H WALT: recognise healthy eating choices	Physical Education WALT: keep fit and healthy
Tuesday	English WALT: read for an extended period of time WALT: edit a text WALT: identify parts of speech	Mathematics WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers	Mindfulness WALT: practise strategies that improve mental health and wellbeing	Science and Technology WALT: distinguish between living and non-living things and identify patterns in gathered data	Physical Activity WALT: keep fit and healthy
Wednesday	English WALT: read for an extended period of time WALT: Comprehend texts WALT: spell unfamiliar words	Mathematics WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers	Wellbeing WALT: practise strategies that improve mental health and wellbeing	H.S.I.E WALT: investigate the importance of natural vegetation and resources to animals and people	Physical Activity WALT: keep fit and healthy
Thursday	English WALT: read for an extended period of time WALT: write fluently and legibly WALT: write to engage an audience Library WALT: Describe a character	Mathematics WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers	Mindfulness WALT: practise strategies that improve mental health and wellbeing	Creative Arts WALT: create musical sounds	Physical Activity WALT: keep fit and healthy
Friday	English WALT: Comprehend texts by summarising WALT: persuade an audience WALT: spell unfamiliar words	Mathematics WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers	Wellbeing WALT: practise strategies that improve mental health and wellbeing	Physical Education WALT: practise the movement skill: dodging	
See if you can complete the Kindness Challenge every week!					
*Please note: activities highlighted in yellow in the daily grid, means your teachers would like you to submit this learning to them via Google Classroom!					
Mother's Day Writing Task: Scroll down to the bottom and complete the special writing task. Get ready to give it to Mum/someone special on Mother's Day.					

English - Based on the text: Rang-Tan
 Watch it here: https://www.youtube.com/watch?v=4DLRMu_3Gug



Monday Overview

Session 1	Session 2	Session 3
<p><u>English:</u> WALT: read for an extended period of time Read for 30 minutes. Write a short prediction about what you think will happen next.</p> <p>WALT: Comprehend texts by making predictions and making connections Below is a picture for a text (Monday attachments). Create a KWL chart for the poster. You can use the one provided below or create your own in Google Classroom.</p> <ol style="list-style-type: none"> Fill out the K and W sections of the chart based off what you viewed on the picture. Watch the video of the text (use the link: https://www.youtube.com/watch?v=4DLRMu_3Gug) Complete the L section of your chart after watching the video. <p>This task is to be submitted to Google Classroom.</p> <p>WALT: spell unfamiliar words Choose 20 words that you would like to practise from the list below. Write out each of your chosen words 3 times.</p>	<p><u>Mathematics</u> WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers Warm up – Get a blank piece of paper & fold it into 4 quarters. Solve each problem. Use a different mental strategy for each one (not algorithm)</p> <ol style="list-style-type: none"> 78+36 348+189 953 – 467 8002 – 2418 <p>Practise in your book strategies for addition and subtraction up to five-digit numbers. Create your own questions using a dice or playing cards. Five addition and five subtraction.</p> <p>For example; <u>Jump strategy</u> eg $23 + 35$; $23 + 30 = 53$, $53 + 5 = 58$ <u>Split strategy</u> eg $23 + 35$; $20 + 30 + 3 + 5 = 58$ <u>Compensation strategy</u> eg $63 + 29$; $63 + 30 = 93$, subtract 1, to obtain 92 <u>Using patterns</u> to extend number facts eg $5 - 2 = 3$, so $500 - 200 = 300$ <u>Bridging the decades</u> eg $34 + 17$; $34 + 10 = 44$, $44 + 7 = 51$ <u>Changing the order</u> of addends to form multiples of 10 eg $16 + 8 + 4$; add 16 and 4 first</p>	<p><u>P.D.H</u> WALT: recognise healthy eating choices Create a mind map. In the middle of your mind map, write the word “nutrition”. Write down any information that you know about what nutrition is. After you have completed your mind map, go to https://healthy-kids.com.au/kids/primary-school/ to find out more information about nutrition. You could also ask someone else in your family what they think nutrition is. As you research or learn more information about nutrition, see if you can add more to your mind map using a different colour.</p> <p>Interview members of your family who purchase food for your home. Create 3-5 questions you could ask your family members that will give you information about food choices and why certain foods are chosen for your household. Write down these questions before interviewing your family members. Some questions you might ask could be: -How often do you go shopping for our family? -Why do you choose the items you buy? Write down the responses you get to these questions. What conclusions can you draw from the responses? Write 3-5 statements from the information you have collected. For example; Altogether, members of my family go shopping once a week. Most of the food purchased is a healthy choice.</p>
	<p><u>Wellbeing</u> WALT: practise strategies that improve mental health and wellbeing Wellbeing Check-in – Complete on Google Classroom Complete the Kindness Challenge</p>	<p><u>Physical Activity</u> WALT: keep fit and healthy Go outside if you can and get at least 30 minutes of physical activity. Log this in your physical activity journal (see below)</p>




Tuesday Overview						
Session 1	Session 2	Session 3				
<p><u>English:</u> WALT: read for an extended period of time Read for 20 minutes. Monitor your reading. Choose 5 unfamiliar words from the text and find their dictionary meaning.</p> <p>WALT: edit a text Read the text 'Orangutans'. (see Tuesday attachment) You will find it has lots of mistakes. You will need to read this text and re-write it, making sure it has:</p> <ul style="list-style-type: none"> -correct spelling -capital letters -correct punctuation including full stops, commas, apostrophe, question marks, exclamation marks <p>WALT: identify parts of speech Using the text 'Orangutans', underline all the verbs and circle all the adjectives. Remember: a verb is a doing word/action (eg protect, help, save) and an adjective is a descriptive word (eg large, endangered).</p>	<p><u>Mathematics</u> WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers Warm up -Record on a whiteboard or in your book \$245 & \$160</p> <ol style="list-style-type: none"> 1. What is the total you will pay for these items? 2. Explain how you know? <p>Complete Tuesday Maths task (below) in your book or on a whiteboard. Take a photo of your answers and upload it to Google Classroom.</p> <p><u>Practise link activity</u> http://www.mathplayground.com/wpdatabase/08h.html <u>Challenge option:</u> See below - Escape Room Activity</p> <p><u>Mindfulness</u> WALT: practise strategies that improve mental health and wellbeing Wellbeing Check-in – Complete on Google Classroom MINDFULNESS- Headspace Practice melting away that icky frozen feeling you get when you're scared, frustrated, or angry. Click on this link below to learn how to manage these feelings. Melting Mindful Reflection: What do you do to feel better when you are scared, frustrated or angry? Share this strategy with your parents. It is important to know how to look after your emotional (feelings) wellbeing.</p>	<p><u>Science and Technology</u> WALT: distinguish between living and non-living things and identify patterns in gathered data Please note that this lesson and future Science and Technology lessons will be available in your new Science and Technology Google Classroom. The access codes for each class are:</p> <table> <tr> <td>4A – leehvjj</td> <td>4B - blnbwxx</td> </tr> <tr> <td>4C - gxs3qav</td> <td>4D - nsgl4pe</td> </tr> </table> <p>Task 1: Communicating Discuss the following questions with someone at home. - What makes something living or non-living? - Is a table living? Is an ant living? What about fire?</p> <p>Task 2: Questioning and predicting Watch the video 'Introduction to the Characteristics of Life' The video suggests three possible rules for something to be living. They are the ability to move, reproduce and to react to surroundings. Can you think of anymore?</p> <p>Task 3: Processing and analysing data Complete the worksheet in the resources titled 'Living versus Non-Living'. If you are not able to print the worksheet you can write the answers on a piece of paper or in an exercise book. You could also open the document found in Google Classroom and type your answers into the document. If you have hand written your answers you can take a photo of your work</p> <p><u>Physical Activity</u> WALT: keep fit and healthy Go outside if you can and get at least 30 minutes of physical activity. Log this in your physical activity journal (see below)</p>	4A – leehvjj	4B - blnbwxx	4C - gxs3qav	4D - nsgl4pe
4A – leehvjj	4B - blnbwxx					
4C - gxs3qav	4D - nsgl4pe					



Wednesday Overview		
Session 1	Session 2	Session 3
<p><u>English:</u> WALT: read for an extended period of time Read for 20 minutes. Create a profile/fact file about one of the characters or topics in the text you are reading. You may choose to present this in any way you choose, such as a poster or paragraph.</p> <p>WALT: comprehend texts Read the text “Palm Oil” and answer the comprehension questions. Take a photo of your answers or type the questions and answers into a Google Doc. Submit this task through Google Classroom when you are finished.</p> <p>For more information about this topic visit: https://www.abc.net.au/btn/classroom/orang-utan/10539542</p> <p>WALT: spell unfamiliar words Choose two of the activities from the spelling grid below and complete this activity using your 20 spelling words for the week.</p>	<p><u>Mathematics</u> WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers Warm up - POD: 1. If 8592 supported the Adelaide Thunderbirds and 5214 supported the Northern Mystics, how many supporters were there altogether?</p> <p>On a whiteboard or in your book independently complete a variety of formal algorithms with/without trading. Create your own questions using a dice or playing cards up to 5 digits. Do five addition and 5 subtraction.</p> <p>Complete your Mathletics activities and/or play Live Mathletics. https://www.mathletics.com/au/</p> <p><u>Challenge option:</u> See below - Escape Room Activity</p> <p><u>Wellbeing</u> WALT: practise strategies that improve mental health and wellbeing Wellbeing Check-in – Complete on Google Classroom WELLBEING- Move it Getting your body moving is good for your physical wellbeing. Click on the link below or move to your favourite song. Twist & Shout</p> <p>Mindful Reflection: You have been looking after your physical (move) wellbeing. Does your mind think differently after moving to the music? E.g. clearer, happier, refreshed, relaxed</p>	<p><u>H.S.I.E</u> WALT: investigate the importance of natural vegetation and resources to animals and people Inquiry Question-Why do we have national parks? Read the fact sheet below (Wednesday attachments) explaining why we have national parks. Then use the information to answer the questions on the activity sheet 2 (you can print the sheet or record your answers in your book). <u>Optional extension activity</u> Use the following website and investigate further the features of Ku-ring-gai Chase National Park and why it is important to have national parks. https://environment.gov.au/heritage/places/national/ku-ring-gai-chase You can choose to answer the following questions or record extra findings using one of the ideas below.</p> <ol style="list-style-type: none"> 1. Approximately how many native plant species are found in Ku-ring-gai Chase National Park? 2. Can you name three different types of fauna that are native to the park? 3. What can be found on Lion Island? Why is this a special place for these animals? 4. What evidence is there that shows Aboriginal People used to inhabit the national park? <p>You may wish to record your findings in the form of a PowerPoint, word document, pic collage, etc. or create an illustrated table that summarises the unique natural features of the national park.</p> <p><u>Physical Activity</u> WALT: keep fit and healthy Go outside if you can and get at least 30 minutes of physical activity. Log this in your physical activity journal (see below)</p>



Thursday Overview		
Session 1	Session 2	Session 3
<p><u>English:</u> WALT: read for an extended period of time Read for 20 minutes. Draw a picture of what has happened in the book.</p> <p>WALT: write to engage an audience Re-watch the book 'There's a Rang-Tan In My Bedroom' https://www.youtube.com/watch?v=4DLRMu_3Gug Using the information in the book and your own knowledge, write your own short story based on a day in the life of an orangutan. Don't forget to include: -descriptive language -accurate / realistic actions of an orangutan</p> <p>WALT: write fluently and legibly Create a passage of writing using as many spelling words as you can. As you write this passage, make sure you write using correct NSW Pre Cursive Handwriting.</p> <p><u>Library</u> WALT: Describe a character from a text Who is the main character of this text? What are their likes and dislikes? What is their personality like? What character strengths do they have? Visualise the character and see if you can draw them. Complete the week 2 activity in Library Google classroom</p>	<p><u>Mathematics</u> WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers Warm up - $134 + 235 =$ $2459 + 138 =$ $568 + 322 =$ $1352 + 168 =$ $37049 + 9285 =$ Complete subtraction word problems (below) and upload to Google Classroom <u>Challenge option:</u> See below - Escape Room Activity</p> <p><u>Mindfulness</u> WALT: practise strategies that improve mental health and wellbeing Wellbeing Check-in – Complete on Google Classroom MINDFULNESS- Story time Find a comfy place to sit and relax. Use the QR code or click on the link to listen to the story 'Courduroy' Story  Can you be in the 'present' and focus on the story? Mindful Reflection: "You must be a friend" said Corduroy. "I've always wanted a friend." "Me too!" said Lisa. It is important to look after your social (friends) wellbeing. Think about one of your friends. What kinds of things do they do for you? Contact one of your friends and thank them for being such a great friend?</p>	<p><u>Creative Arts</u> WALT: create musical sounds <u>Idea Challenge</u> 1. On a piece of paper or on a Google Doc write down what you think music is. 2. Investigate and record different instruments played in an orchestra. <u>Using the Mystery Song Worksheet – attached below</u> Play Steve Reich's Music for Pieces of Wood - https://www.youtube.com/watch?v=5LbmV7ytDc a) Brainstorm what instruments you can hear? b) Imagine what the song is about c) Draw what you think it's about and give it a title. d) Listen to the song again and check if your picture matches the song and its title. <u>Exploring your Home</u> a) Using utensils found in the kitchen cupboards, which can you use to make music? b) Looking around your rooms 'find' materials for an instrument that you can make and play. <u>Photo time</u> a) Take a photo of yourself with your instrument(s) and post into Google Classroom.</p> <p><u>Physical Activity</u> WALT: keep fit and healthy Go outside if you can and get at least 30 minutes of physical activity. Log this in your physical activity journal (see below)</p>



Friday Overview		
Session 1	Session 2	Session 3
<p><u>English:</u> WALT: Comprehend texts by summarising Read for 20 minutes. Use a mind map to summarise what you have read this week. WALT: persuade an audience Option 1 - Design a poster (either on paper or digitally) that will persuade your audience to help save orangutans. Consider how you will achieve this by including: -convincing (strong) language -eye-catching layout -colours and pictures OR Option 2 - Write a persuasive text about ‘Why is it important to protect orangutans?’ Don’t forget: -an introduction -3 convincing arguments with evidence/examples -a conclusion -high modality (strong) words eg absolutely, definitely, must. This task is to be submitted to Google Classroom. WALT: summarise knowledge Add any new knowledge to the L section of the KWL Chart from Monday. You will need to click unsubmit on your submitted task if you originally completed this in Google Classroom WALT: spell unfamiliar words Option 1 - Have someone at home test you on your 20 spelling words. Once you have finished, any words you spell incorrectly, practise writing them correctly 3 times each. Option 2 - Choose two different activities from the spelling grid below and complete this activity using your 20 spelling words for the week.</p>	<p><u>Mathematics</u> WALT: use written and mental strategies for addition and subtraction involving two, three, four and five digit numbers Warm up - POD 2: Sally tries to run 15000km in one year. Her friend Abbey runs 150km less than this. How many kms does Abbey run in one year? Complete the Exit questions (see below) in your book or on a whiteboard. Take a photo of your answers, showing your method and upload it to Google Classroom.</p> <p>Complete your Mathletics activities and/or play Live Mathletics. https://www.mathletics.com/au/ Challenge option: See below Escape Room Activity</p>	<p><u>Physical Education (PE)</u> WALT: practice the movement skill: dodging Watch this video break down the steps to an effective dodge. https://www.youtube.com/watch?v=8d-3pTZrmSw</p> <p>There are also instructions in Friday’s attachments showing you step-by-step how to dodge successfully. Think about how you can practice your dodging skills by yourself. How will you know you are dodging successfully? Think about how you can track your progress as your skill develops (video yourself, have a family member watch and tell you, perform the skill in front of a mirror etc.).</p> <p>Can you create an obstacle course to test your dodging skills? Maybe you can create a story in your head that you can act out that requires you to dodge things. Think about what games and sports require dodging. Can you list 5 of them?</p>
	<p><u>Wellbeing</u> WALT: practise strategies that improve mental health and wellbeing Wellbeing Check-in – Complete on Google Classroom How have you felt this whole week? Reflect on your posts to your teacher.</p> <ul style="list-style-type: none"> • Have you been happy all week or have you had a few ups and downs? • Do you know why you felt that way? • What did you do to make yourself feel better? • Could you do this next time you felt the same again? 	<p>Create your own game that requires dodging and teach it to someone in your household. Think about how you will score points, if there will be teams, what the penalties will be, and what rules there will be to make your game successful. You might like to combine overarm throwing into your game as well do develop that skill further.</p>



Physical Activity Journal

We should all be physically active for at least 30 minutes each day. Use this to record your activity.

Monday	Tuesday	Wednesday	Thursday	Friday



Kindness Challenge

The Kindness Challenge!

It is important we continue to recognise, celebrate and spread kindness during these new and uncertain times.

The Kindness Challenge is intended to be completed on a daily basis, but we will share it with you on a weekly basis instead, to give you more time to complete the challenge!

See if your whole family can complete the challenge!

Goodluck!

Day 2

Keep a journal for the next 3 weeks. This could be written, typed, drawn, videoed or completed using photos from throughout the day. Save this journal.

Keep an individual journal or participate as a family.

THE 20 DAY KINDNESS CHALLENGE

Home Edition

@giftedandtalentedteacher



Spelling Words

Year 4 - Book E: Unit 6 - Term 2 (1&2)






Revision: er, est

Rule: ch

Revision Words	List Words Level 1	List Words Level 2	Challenge Words	Theme Words
stronger	torch	choir	chameleon	contaminated
meaner	orchard	ache	scholastic	appearance
greatest	channel	chemist	schedule	privileged
lightest	achieve	anchor	chaos	sanctuary
thinnest	machine	stomach	mechanic	emerged
tiniest	chef	character	brochure	crustaceans
bounciest	parachute	monarch	chandelier	investigated
angriest	charade	orchid	moustache	pristine
learn	approach	anarchy	monarch	devastating
Antarctica	coach	Cherrybrook	parchment	subsided
	school	Cheltenham		barren

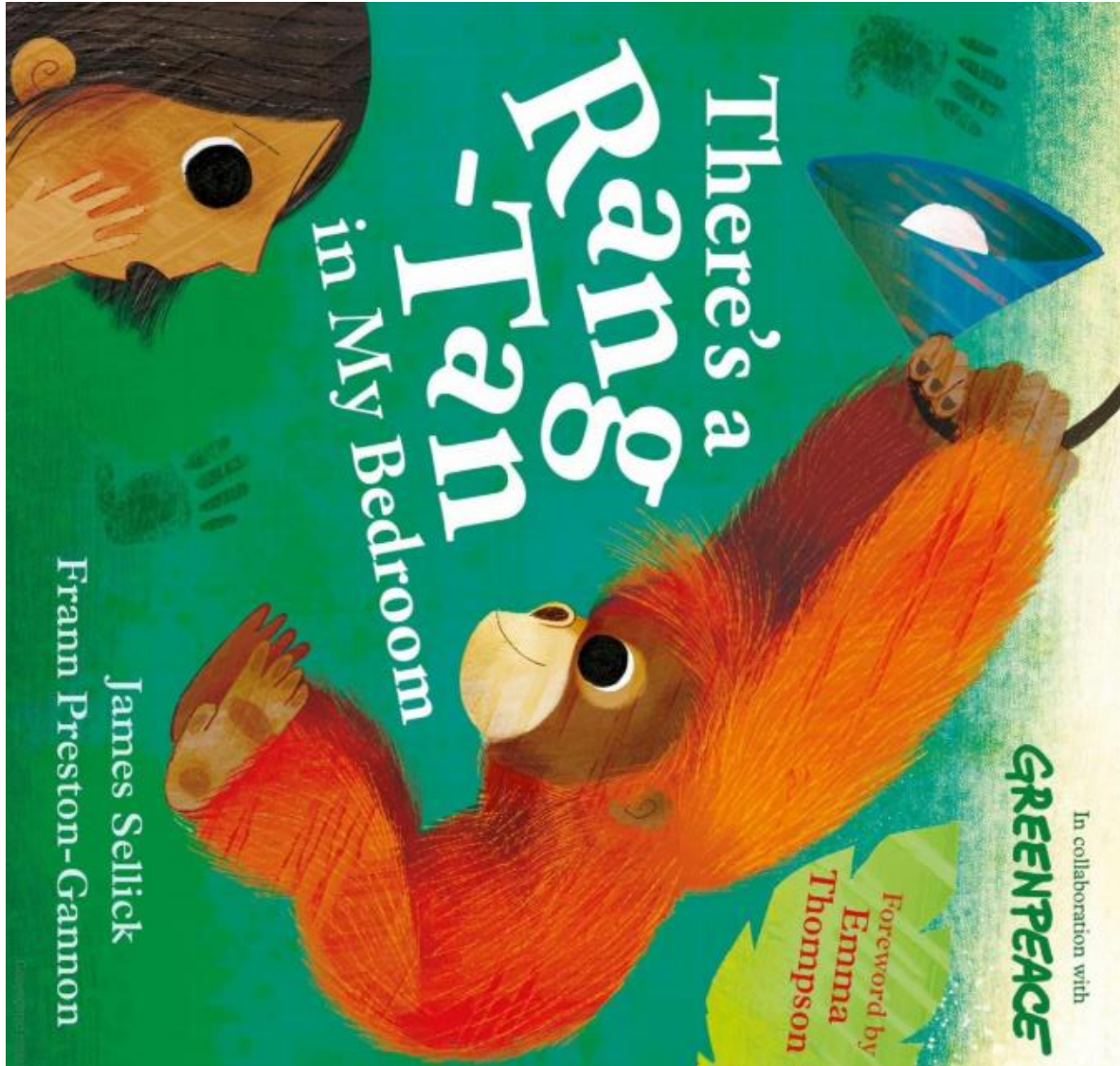


Spelling Activity Grid

<p>Handwriting Heroes Write out your spelling words using your very best cursive handwriting.</p> <p><i>elephants sausages</i></p>	<p>Magazine Words Use magazines or newspapers to cut out the letters you need to spell your spelling words. Stick them into your book.</p> <p>letter</p>	<p>Colourful Words Write each of your spelling words in different colours in your book.</p> <p>apple baby frog</p>	<p>Rainbow Words Write each of your spelling words in your book using a different colour for each letter.</p> <p>apple</p>	<p>Rhyming Words Write as many words as you can that rhyme with each of your spelling words. You could even make a poem using the rhyming words.</p> <p>bat hat cat</p>	<p>Red and Blue Words Write your spelling words in your book. Write the vowels in red and the consonants in blue.</p> <p>cat</p>										
<p>You're a Poet Write an acrostic poem about one or more of your spelling words.</p> <p>Freely swimming in the ocean Schooling together riding in a row!</p> 	<p>Building Blocks Draw letter boxes for your spelling words. Box the shape of short, tall and tail letters and write the words in your boxes.</p> <p>elephant</p>	<p>Wacky Words Write your spelling words in different directions, filling up the page. Use different colours and fonts.</p> 	<p>Reverse Order Write your words in reverse alphabetical order – starting from Z through to A.</p> <p>zoo yes white pretty best</p>	<p>Pyramids Use your words to make spelling pyramids by adding one letter each time.</p> <p>c ca cat</p>	<p>Left and Right Write your spelling words once with your left hand and once with your right hand.</p> 										
<p>Spelling Stairs Write each spelling word a letter at a time to make it look like a stairs.</p> <p>h ho hor hors horse</p>	<p>Upper and Lower Write your spelling words in uppercase and then in lower case.</p> <table border="1" data-bbox="526 1053 705 1173"> <tr><td>CHICKEN</td><td>chicken</td></tr> <tr><td>HORSE</td><td>horse</td></tr> <tr><td>PIG</td><td>pig</td></tr> <tr><td>SHEEP</td><td>sheep</td></tr> <tr><td>DUCK</td><td>duck</td></tr> </table>	CHICKEN	chicken	HORSE	horse	PIG	pig	SHEEP	sheep	DUCK	duck	<p>Across and Down Write your spelling words across and then downwards.</p> <p>chicken</p> <p>h i c k e n</p>	<p>Finding Words Create your own word search using all the words on your spelling list.</p>  <p>always because know found green laugh gave down</p>	<p>Type 'Em' Type your spelling words and make each word a different font.</p> <p>chicken ELEPHANT horse pig</p>	<p>Tongue Twisters Write a tongue twister for each of your spelling words.</p> <p>Big brown bears buy berry bubblegum.</p> 
CHICKEN	chicken														
HORSE	horse														
PIG	pig														
SHEEP	sheep														
DUCK	duck														
<p>Define It Use a dictionary to find the definition and write a sentence for each of your spelling words.</p>	<p>Flash Writing In the dark, use a torch to write your spelling words on the wall.</p>	<p>Story Time Write a story using as many words as you can. Underline each of your spelling words.</p>	<p>Syllable Sort Write your spelling words into columns (1, 2, 3, 4 syllables). For each column, the words should be in alphabetical order.</p>	<p>Rap It Write a rap using as many of your spelling words as possible.</p>	<p>Several Sentences Use as many of your spelling words as you can in sentences. Ensure they make sense and you underline the spelling word.</p>										



Monday's KWL Chart Picture





K-W-L Chart

What I...

K now •	W ant to know •	L earned •



Tuesday – Editing Passage

Orangutans

orangutans are red-haired apes. the word orangutan actually means 'person of the forest' and they are one of humankind's closest relatives. They live in tropical rainforests of Sumatra and on the island of Borneo in Southeast Asia. they spend almost all of their time high in the trees. they travel in the trees swinging from branch to branch. they even eat and sleep in the trees because it is safer for them.



Tuesday – Maths

Directions: Solve the word problems in your book. Show your working out/method. Upload to Google Classroom

1. In a village, there are 2520 males and 1840 females. What is the population of the village?
2. In a library, there are 3210 books on Science, 1028 books on Maths and 565 books on English literature. How many books are there in the library?
3. There are 5650 wheat bags in a warehouse. 2320 bags are taken out for distribution. How many are left?
4. In a school, there are 4000 children. If 1268 are girls, how many are boys?
5. There were 2,325 hockey fans in the arena for the game Friday night. On Saturday there were 3,127 fans that showed up for that game. What was the total number of hockey fans that came to both games?
6. 1,052 students from Castle Hill went to the Easter Show in the school holidays. At the same time, 3,274 students from Kellyville went to the Easter Show in the school holidays as well. How many students from both suburbs went to the Easter Show in total?
7. If Tom had \$5,689 in his bank account, and Tina had \$9,452 in her account, how much money would they have all together?
8. The flight attendant flew 6,268 km's on her first trip, and then she flew 4,555 km's on her second trip. What was the total number of km's she flew in those two trips?
9. 3,212 people came to hear the Prime Minister speak in Castle Hill. In Baulkham Hills, 4,788 people came to hear him speak. How many people heard the Prime Minister's speech in both of those suburbs?
10. 82,317 people watched the semi-final of the world cup football match, but 31,896 more people watched the finals. Find the number of people who watched the finals.



Tuesday – Maths (Optional Challenge)

Challenge Option: Escape the Room

You have been helping your teacher to tidy up the sports equipment after a P.E. lesson. You hear a loud bang and turn around to find that you have been accidentally locked in the school hall! Solve the clues and puzzles hidden around the room and reveal the keypad code needed to open the door.

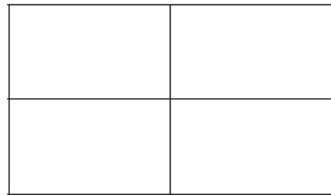
The clues could be anywhere so you need to keep your eyes peeled and your mind sharp! There are 10 clues - you will complete 2-4 a day.

In your book write down Clue 1 _____ (answer), Clue 2 _____ (answer and so on) Good luck!

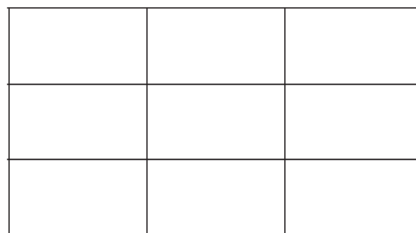
Tuesday's Clues

Escape the Room Clue for Digit 1

There are 9 rectangles (including squares) in this 2×2 grid.



How many rectangles (including squares) are there in this 3×3 grid?



Add together the digits of this answer to give you the first digit of the keypad code.

Escape the Room Clue for Digit 2

Discover the smallest square number that can be written using five different Roman numerals.

Symbol	Value
I	1
V	5
X	10
L	50
C	100
D	500
M	1000

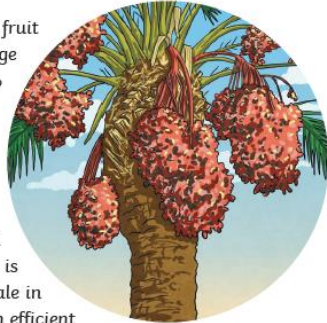
Divide this number by 24 to discover the second digit of the keypad code.

Wednesday – English (1 of 2)

Palm Oil

What is Palm Oil?

Palm oil is a vegetable oil made from the fruit of the oil palm tree. About the size of a large olive, the fruit (which contains 30-35% oil) contains a single seed. The palm tree is a tropical plant that grows mostly in countries around the equator as it grows best in hot, humid conditions. Palm oil is not a new product and has been used for many years. However, the use of palm oil has increased in recent years and it is believed that over half of the products for sale in the supermarket contain it. Although it is an efficient source of vegetable oil, its popularity and recent growth in production is threatening the environment and already vulnerable wildlife.



Pros and Cons

Indonesia and Malaysia are two of the world's largest exporters of palm oil and these countries, and others like them, have come to rely on the industry to provide large numbers of people with jobs and economic security. Palm oil has quite literally helped developing countries to grow both socially and economically.

Despite this advantage, palm oil plantations are responsible for the clearing of vast areas of rainforests, a process known as deforestation, which destroys the natural habitat of many endangered animals and plants. As the demand for palm oil increases, so does the impact it has on the world.

Indigenous people (natives) of the rainforests are also affected by the increase in palm oil plantations. As forests are destroyed to make room for more palm oil trees, tribal communities are forced from their homes. Their rights within and knowledge of the local area are ignored and subsequently, their lives are changed forever.



Palm Oil

Sustainability

We do not need to stop buying products that contain palm oil. In fact, this could prove almost impossible. However, there are a few steps that we can all take in order to limit the social and environmental costs and impact of the palm oil industry.

In 2014, the Roundtable on Sustainable Palm Oil (RSPO) was set up in order to make the production of palm oil as sustainable as possible. Members of the RSPO produce palm oil according to certain agreements and standards, thereby limiting the environmental impact whilst continuing to meet the world's growing demands.

Did You Know...?

Take a trip to the supermarket and you'll find it hard to pick up a product that does not contain palm oil. It is used to make pizza, margarine and ice-cream as well non-edible items such as washing detergent, conditioner and soap.



What Can We Do?

If everyone makes a few small changes, the increasing demand for palm oil can be met but the impact on the environment can be limited. When shopping, look out for one of the following on the items that you buy:

Interesting Fact

One desirable aspect of palm oil is that it does not melt at high temperatures. It is therefore an ideal ingredient to be used in products that are required to keep their shape and form in hot conditions. As a result, palm oil is widely found in lipsticks, chocolate and biscuits, all of which would melt easily without it.



The RSPO label - this means that the palm oil in the product was produced in a socially and environmentally responsible way.

The Green Palm label - proceeds to the Green Label organisation help growers to make the transition to producing palm oil in a sustainable way.



Questions

- Palm oil trees grow best in...Tick one

hot, dry conditions cold, wet conditions

hot, humid conditions warm, sunny conditions

2. Find and copy a word which means *defenceless*.

3. How do Indonesia and Malaysia depend on the palm oil industry. Explain your answer fully.

4. Explain in your own words what deforestation is.

5. Fill in the missing words in the sentence below:

As forests are _____ to make room for more palm oil trees, tribal _____ are forced from their homes.

6. Explain in your own words why palm oil is a good product to use in chocolate.

7. In which year did the Roundtable on Sustainable Palm Oil begin? Tick one.

2004 1924 1994 2014

8. Who do Green Palm support?

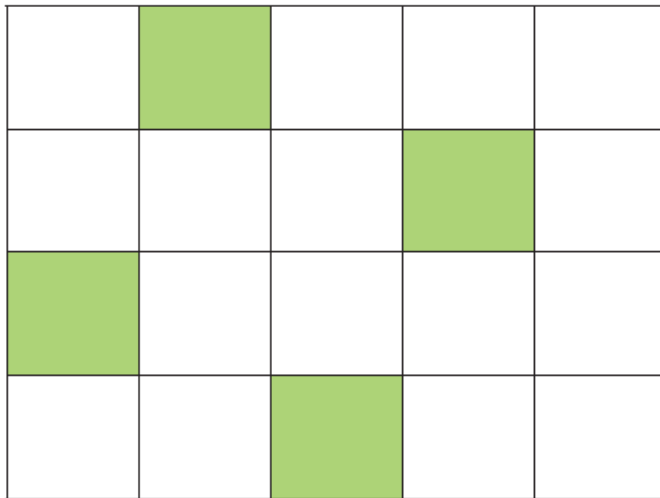
9. How are humans affected by the palm oil industry. Explain your answer.



Wednesday – Maths (optional escape the room clues)

Escape the Room Clue for Digit 3

How many more squares need to be shaded in so that $\frac{3}{4}$ of the grid is shaded?



Add together the digits of this answer to give you the third digit of the keypad code.

Escape the Room Clue for Digit 4

Use the clues to calculate the mystery number.

- Rounded to the nearest ten, the number is 61 460.
- The number is divisible by 4.
- The digit sum is even.

What is the number?

Add together the digits of the mystery number to give you the fourth digit of the keypad code.



Why do we have national parks?



nationalparks.nsw.gov.au

FACT SHEET 2

There are many good reasons for having national parks. They provide a safe home for native plants and animals. They help keep the air and water clean. They help us to learn about the environment. National parks give us places to enjoy.



FOR THE VARIETY OF LIVING THINGS

All the different plants and animals on Earth make up the variety of living things, or 'biodiversity'. We share this planet with all these creatures and we must do our best to protect them. Many plants and animals can only live in certain areas. National parks protect some of these areas.



FOR A HEALTHY ENVIRONMENT

We all need fresh air, clean water and food. Without them we would die. The leaves of plants make fresh air. Their roots hold the soil together, which stops erosion and helps keep our waterways clean. National parks have lots of plants so they play a big part in keeping our environment healthy.



FOR OUR ENJOYMENT AND HEALTH

National parks are places of natural beauty. They are places for people to relax in and enjoy. Many people have fun bushwalking, camping or having a picnic. There are lots of things to do in a national park such as swimming, skiing, painting, taking photographs, enjoying the view and taking in fresh air.



FOR LEARNING

National parks are places for everybody to learn about native plants and animals and the way they rely on each other. Historic sites and Aboriginal sites also help us to learn about how people lived in the past.

All photos: J.Sponner/OEH



Why do we have national parks?



nationalparks.nsw.gov.au

ACTIVITY SHEET 2

Draw a line to link the first part of each sentence to its second half

In national parks we can	can be lots of fun
Historic sites help us find out	of beautiful landforms
Bushwalking and camping	places in the environment
People take photos	learn a lot about the environment
Many different plants and animals	found in some national parks
The leaves of plants	found in some national parks
Aboriginal sites can	about the past
National parks protect important	make fresh air

Write down some other reasons why we have national parks.



Thursday – Maths

Thursdays Subtraction Word Problems: Show your working out and please remember to upload a photo to Google Classroom

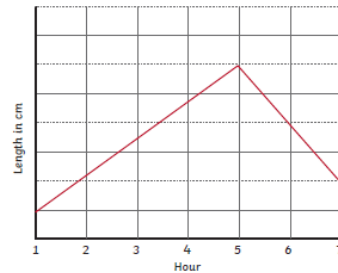
1. How many more goals need to be scored to reach a 10-year goal of 20 000 if the Central Pulse have only scored 16 728?
2. How many more goals need to be scored to reach a season goal of 1500 if the Waikato Bay of Magic have only scored 989?
3. A total of 16 587 fans watched the first game of the Championship between Central Pulse and Southern Steel. The next time they played there were 17 409 fans watching. How many more fans were there in the second game?
4. A total of 6977 fans attended the grand final of the championships. If 4582 supported the NSW Swifts, how many Queensland Firebirds Supporters were there?
5. 2450 games have been played between Kayla Cullen and Maria Tutaia. How many does Anna Harrison need to play in order to reach a goal of 3200 games between them?

Thursday's Clues for escape the room

Escape the Room Clue for Digit 5

Here is a line graph showing the length of a shadow measured over time.

A Line Graph to Show the Length of a Shadow Measured over Time



- At its shortest length, the shadow measured 40cm.
- At its longest length, the shadow measured 240cm.
- What was the length of the shadow at hour 7?

The tens digit of this answer will give you the fifth digit of the keypad code.

Escape the Room Clue for Digit 6

Work out the rule for each number sequence and find the next five numbers in each sequence.

1.	1250	1350					
2.	6750	5750					
3.	1810	1800					

Which number is common to each of the number sequences?

Add together the digits of this answer to give you the sixth digit of the keypad code.



Thursday – Creative Arts

Name: _____ Class: _____

MYSTERY SONG!!

Draw what you think this song is about and give it a title!

I think it's called: _____

It's REALLY called: _____



Friday Maths

Fridays Exit Questions

1. Solve $4560 + 330$ using a mental strategy. Explain how you got the answer: _____
2. Use a written algorithm to solve $45\ 673 + 5225$.
3. Use a written algorithm to solve $3564 - 451$.
4. If you buy a bag for \$64.70 and you pay with a \$100 note, how much change will you get?
5. Round \$1654.82 to the nearest five cents.



Friday - Maths (optional escape the room clues)

Escape the Room Clue for Digit 7

Use the clues to calculate the mystery two-digit number that is less than 50.

- It is one more than a prime number.
- The sum of its digits is a square number.

Add together the digits of this answer to give you the seventh digit of the keypad code.

Escape the Room Clue for Digit 8

Use the clues to calculate the mystery five-digit number.

- The digits of the hundreds and ones total 12.
- It has two more ones than hundreds.
- It has one less ten thousand than ones.
- The digits of the thousands and hundreds total the same digit as the number of ten thousands.
- It has a digit sum of 22.

The tens digit of this answer will give you the eighth digit of the keypad code.

Escape the Room Clue for Digit 9

Calculate the difference between these pairs of numbers.

1.	23	to	-13
2.	-16	to	27
3.	26	to	-12
4.	-11	to	31
5.	21	to	-24
6.	-8	to	35

Which answer appears twice?

Add together the digits of this answer to give you the ninth digit of the keypad code.

Escape the Room Clue for Digit 10

Find the missing digits in these calculations.

Which missing digit is common to both calculations?

$$\begin{array}{r} 274 \\ + 563 \\ \hline 874 \end{array}$$

$$\begin{array}{r} 706 \\ - 352 \\ \hline 310 \end{array}$$

This answer will give you the tenth digit of the keypad code.



Friday - PE

Dodge



Skill components (Introductory components marked in bold)

1. Changes direction by bending knee and pushing off the outside foot.
2. Change of direction occurs in one step.
3. **Body lowered during change of direction or in the direction of travel.**
4. **Eyes focused forward.**
5. Dodge repeated equally well on both sides.



HAPPY MOTHER'S DAY

What is the thing you love most about your mum?

What is the best meal your mum prepares for you?

What is your favourite activity to do with mum?

My mum is like _____ because she
makes me feel _____.

Happy Mother's Day!

Love from _____