

Year 6 Term 2 Week 2 Remote Learning Matrix

** For BYOD students, items that are underlined can be found on your "Home Learning" folder in your class' google drive**

	Reading	Writing	Maths	Inquiry
Learning Intention	We are learning to question before, during and after reading texts.	We are learning to write narrative texts.	<p>Number- We are learning to identify and describe prime, composite, square and triangular numbers.</p> <p>Applied- We are learning about the properties of prisms and pyramids.</p>	<p>Big idea: We are learning to elaborate on the cause and effects of change around me.</p> <p>Success criteria:</p> <ol style="list-style-type: none"> 1. We are learning to investigate the cause and effects of changes in our natural environment. 2. We are learning to explore how living things adapt to a changing environment. 3. We are learning to investigate the changes in our understanding of the solar system.
Monday	<p>Read the text "<u>Back to Earth</u>". Look for tier 2 words as you read and record 5 of these words in the back of your home learning book.</p> <p>Highlight any words you are unsure of the meaning and look thee up using a dictionary.</p>	<p>https://www.youtube.com/watch?v=7j00Y3236jw</p> <p>Watch the video of Harry the Dirty Dog read by Betty White on YouTube.</p> <p>After watching, answer the following questions in your home learning book:</p> <p>What happens at the beginning of the story?</p>	<p>Number</p> <p>Problem Solving Activity - Complete in your book: A person jogged 10 times along the perimeter of a rectangular field at the rate of 12 kilometers per hour for 30 minutes. If a field has a length that is twice its width, find the area of the field in square meters.</p> <p>Watch "Sheldon's Favourite Number".</p>	<p>Lesson #1 - KWL - What do you know about changes to the environment?</p> <p>Complete the <u>KWL Chart</u> for the learning intention "<u>changes in our environment</u>".</p>

	<p>Record these into your home learning book.</p> <p>Answer the comprehension questions about the text. Make sure you answer in full sentences.</p>	<p>What goes wrong when Harry arrives home? How is this problem solved?</p> <p>If you do not have computer access, read a picture story book from home and answer the following questions in your home learning book:</p> <p>What happens at the beginning of the story? What is the complication or problem in the story? How was the problem solved?</p>	<p>https://www.youtube.com/watch?v=TIYMmbHik08</p> <p>Record all of the descriptive words Sheldon lists in your books, find the meaning of these maths words. What is Sheldon's favourite number? Is it an odd or even number?</p> <p>If you don't have access to a device then use the <u>Maths Vocabulary List Words</u> from you home learning pack - Sheldon's favourite number is also listed on the sheet.</p> <p>What is a factor? To factor a number means to break it up into numbers that can be multiplied together .</p> <p>EXAMPLE: $6 = 3 \times 2$ so, factors of 6 are 3 and 2</p> <p>What is a multiple? The multiples of a whole number are found by taking the product of any counting number and that whole number.</p> <p>EXAMPLE: To find the multiples of 3 - multiply 3 by 1 3 by 2</p>	<p>Fill in what you already know about this (column 1) and Questions you have (column 2). The last column will remain blank for now.</p>
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			<p>3 by 3 and so on</p> <p>3,6,9,12,15,18</p> <p>Practice finding multiples and factors of some "easy" numbers in your book: 12 10 14 22</p> <p>Find some more "easy" numbers to practice finding multiples.</p> <p>You can practice multiples further through this link: https://www.topmarks.co.uk/times-tables/coconut-multiples</p>	
Tuesday	<p>Using 3 of the tier 2 or words you have found the definition of, complete the <u>frayer model</u> for each word. Complete in your home learning book.</p> <p>Share these words with a family member.</p>	<p>https://www.youtube.com/watch?v=sHCizV8Ltao</p> <p>Watch this video on interjections and exclamation marks. If you do not have access to a computer, have a read of the poster in your home learning pack on <u>interjections and exclamation marks</u>.</p> <p>Write down examples of these in your home learning book. Then try</p>	<p>Applied</p> <p>Problem Solving Activity - Complete in your book: At a construction job for a theatre there are 20 painters. Of these painters, 55% of them paint the interior of the theatre. How many painters are painting the interior? Round your answer to the nearest whole number if necessary.</p> <p>Watch the following video on how to find surface areas of prisms:</p>	<p>Lesson #2 - Natural Disasters</p> <p>In your home learning book, brainstorm all of the Natural Disasters, you can think of - Hurricanes, Floods, etc..</p> <p>Using the weblink below select a natural disaster to research and complete the <u>natural disaster research template</u>.</p>

		<p>and come up with your own examples from the book you are currently reading. Record these examples in your home learning book.</p>	<p>https://www.youtube.com/watch?v=7uzSWG6sRH0</p> <p>If you don't have access to a device then read the <u>How to Find Surface Areas Explanation</u> sheet in your home learning pack.</p> <p>On the <u>Surface Areas of Prisms</u> worksheet from google drive, or from your home learning pack, complete the set tasks of drawing a net for the prisms provided and finding the surface area.</p>	<p>https://www.weatherwizkids.com/?page_id=91#</p> <p>If you do not have access to a device, read, read the article called <u>Volcanoes</u> and complete activities #1 and #2.</p>
<p>Wednesday</p>	<p>Read the text "<u>earthquakes</u>". Discuss the main points with a family member. Record what you think are the 3 most important points into your home learning book.</p> <p>Answer the comprehension questions. make sure you answer in full sentences.</p>	<p>https://www.youtube.com/watch?v=PR_ipjkFFDs</p> <p>Watch this clip of the description of The Grand High Witch. Then answer the following questions: What type of words were used in the passage? Why do you think the author chose these types of words? If these words were removed from the passage, what might be the effect of this?</p> <p>If you do not have access to a computer, find a book in your house that has a good descriptive paragraph and answer the</p>	<p>Number Problem Solving Activity - Complete in your book: In a school 50% of the students are younger than 10, 1/20 are 10 years old and 1/10 are older than 10 but younger than 12, the remaining 70 students are 12 years or older. How many students are 10 years old?</p> <p>You will need to read and start <u>Mr Spicer's Factors Mini Project</u> - you can access this on google drive, or in your home learning pack. Complete Prep to Year 2 classes of your task. Year 3 to 6 will be continued next week.</p>	<p>Lesson #3 - Climate Change</p> <p>Look at this introduction video on climate change and complete the <u>research template</u> in your home learning book.</p> <p>https://www.youtube.com/watch?v=ScX29WBJI3w</p> <p>If you do not have access to a device, read the article on <u>Climate change</u> and complete the Quick Quiz in your home learning book.</p>

		<p>questions about that in your home learning book.</p>	<p>If you complete your work early, have a go at playing this game - You will need a deck of cards and someone to play with (brother, sister, a parent).</p> <p>Each person picks 5 playing cards (remove the 10, king, queen, and jack, keep ace as 1)</p> <p>Make a 5 digit number (highest or lowest)</p> <p>Person with highest/lowest wins.</p> <p>Winner is the first person to win 10 times.</p>	
<p>Thursday</p>	<p>Think about something you would like to learn more about. It could be something you have read about in a text, something you want to know more about with the inquiry unit, or something else.</p> <p>Complete the <u>KWL chart</u> and conduct research on this topic. Complete in your home learning book.</p>	<p>Read '<u>The Thunderstorm</u>' on google drive and record the language features the sheet asks for in your home learning book. If you are not sure what any of the language features are, for example, Onomatopoeia, look up examples on Google to help you!</p>	<p>Applied Problem Solving Activity - Complete in your book: Lindsay sold 170 eggs at two different markets. She noticed that the number she sold at the second market was 10 less than half the number she sold at the first market. How many eggs did she sell at each market?</p> <p>On the <u>grid paper</u> provided in your home learning pack or on google classroom, draw 3 pyramids in different sizes (use a ruler).</p>	<p>Lesson #4 - What we can do about Climate Change?</p> <p>Research and make a list of what you can do to help climate change, in school, at home, in our country. Write your list into your home learning book. If you do not have access to a device, have a chat with your family and brainstorm together.</p> <p>You can use this additional resource if needed:</p>

			<p>On the bottom of your grid page write how many faces, edges and vertices on a pyramid.</p> <p>On a separate piece of <u>grid paper</u> from your home learning pack or google classroom, draw the net for each of the pyramids you drew and find the surface area for each one.</p> <p>Order the surface areas of each pyramid from smallest to largest.</p>	<p>https://kidsagainstclimatechange.co/s tart-learning/</p> <p>Make a video or poster appealing to people to stop climate change. Save your poster onto google drive into the "climate change poster" folder.</p> <p>Complete KWL chart - Fill in "what I have learnt" about this learning intention on your KWL chart (column 3)</p>
Friday	<p>Using a book you are reading at home or one of the texts you have listened to in the writing tasks over the past 2 weeks, complete the <u>book review</u> template into your home learning book.</p> <p>Once you have finished, share the book you reviewed and a brief summary on the google classroom stream. if you do not have internet access, share your book review with a family member.</p>	<p>Seed Writing: Use the prompt below and do a wordsplash in your home learning book. Then think about what writing ideas you have, a recount, narrative, persuasive text and then plan and write a draft of this writing idea.</p> <p>If you could change anything in the world, what would it be and why?</p>	<p>Number Problem Solving Activity - Complete in your book:</p> <p>In a bag full of small balls, $\frac{1}{4}$ of these balls are green, $\frac{1}{8}$ are blue, $\frac{1}{12}$ are yellow and the remaining 26 white. How many balls are blue?</p> <p>Watch the video on ordering numbers to tens of thousands: https://www.youtube.com/watch?v=bCoT2OEmMk4</p> <p>If you don't have access to a device then refer to your home learning pack, read the sheet <u>explaining the ordering of numbers to tens of thousands.</u></p>	<p>Finish off any inquiry work from the past 2 weeks.</p>

			<p>You will need the dice from your home learning pack for this task.</p> <p>NOTE: If you roll a 10, 11 or 12 please roll again. You can only use numbers 1-9 for this activity.</p> <p>Step One - Roll your dice 5 times to create a 5 digit number. For example if you roll the numbers 6, 3, 1, 5, 3 you can make the number 63,153 you can also mix them up and make the number 53,613 - Make as many tens of thousands numbers as you can with the 5 numbers you rolled. Write them down in your book.</p> <p>Step Two - Roll the dice 5 times again, repeat step one with your new numbers.</p> <p>Step Three - Order all the numbers you created from lowest to highest.</p> <p>Challenge: If you complete this task on time and would like a challenge, do the dice activity again this time creating numbers in the hundreds of thousands, then ordering them from lowest to highest.</p>	
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