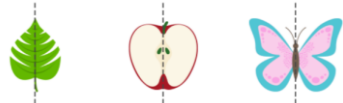




Stage 3 Home Learning Framework Term 4 Week 1

	Monday 4 th October	Tuesday 5 th October	Wednesday 6 th October	Thursday 7 th October	Friday 8 th October
WELLBEING QUESTION	PUBLIC HOLIDAY	Name three people you can help today? How?	How can you benefit the planet today?	Describe a time you helped someone.	How are you going to be of benefit this weekend?
English		<p>Spelling:</p> <ol style="list-style-type: none"> 1. Change the rule words using the rule. 2. Think of 5 more words that fit the rule. 2. Look at the phonics words. Think of 5 more words that use that phoneme (sound). <p>Reading/Writing:</p> <p>This week we will begin a novel study on the text ‘Black Cockatoo’.</p> <p>Before we begin, we are going to investigate the authors and learn about their values, beliefs, and experiences. This helps us to understand the perspective from which they write this story.</p> <p>Go to About · Hakea Hustler and Carl Merrison Read the information about the authors. Choose one of the authors and complete a Venn Diagram, compare and contrast the</p>	<p>Spelling:</p> <ol style="list-style-type: none"> 1. What part of speech are your words? e.g. noun, adjective. Use a dictionary to find out. 2. Find the meaning of your spelling words using a dictionary. 3. Can you also find a synonym and antonym for each of your spelling words. <p>Reading/Writing:</p> <p>‘Black Cockatoo’ is set in Jaru country around Halls Creek in Western Australia. On Google Classroom, look at the pictures of Halls Creek and surrounds. (Appendix 6). Write a paragraph using adjectives to describe what you think the country feels like, sounds like, and looks like.</p> <p>Explore the information on the link: Shire of Halls Creek</p> <p>After exploring, draw and label a picture of your town including landscape, recreation activities</p>	<p>Spelling:</p> <p>Now you know the meaning of your spelling words you should be able to use them in sentences of your own.</p> <p>Write 10 sentences. Try to make them complex sentences by using connectives.</p> <p>BTN:</p> <p>Watch BTN Classroom Episode 28</p> <p>Write a paragraph on a story of your choice.</p> <p>NON DIGITAL – BTN can be viewed on ABC Me on Tuesday at 10am and again on Thursday at 10:25am</p> <p>Reading/Writing:</p> <p>Read the opening chapter from the novel ‘Black Cockatoo’ and answer the following questions about the characters.</p> <ol style="list-style-type: none"> 1. What does the opening chapter teach us about Jy? 	<p>Spelling:</p> <p>Test yourself or ask someone to test you to see if you have improved your spelling results over the week.</p> <p>Reading/Writing:</p> <p>The first chapter of ‘Black Cockatoo’ references the theme of ‘respect’ multiple times. Answer the following questions on the theme in the first chapter.</p> <ol style="list-style-type: none"> 1. How does Jy bowing his head show respect? 2. How does this quote show disrespect? “Jy didn’t argue, but when his Jawiji walked inside he aimed his shanghai high and shot down a settled <i>wangura</i> crow from the tree in the neighbour’s yard.” Why do you think he was being defiant? 3. “She wasn’t meant to challenge her brother, as her older brother she owed him a certain amount of respect.”

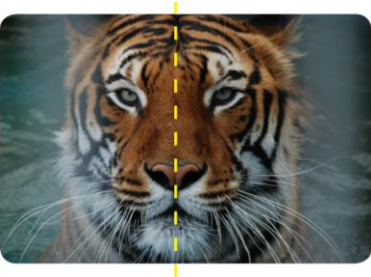
	Monday 4 th October	Tuesday 5 th October	Wednesday 6 th October	Thursday 7 th October	Friday 8 th October
		<p>author's childhood to your own.</p> <p>Author Carl Merrison grew up in the Halls Creek area and is involved in the Clontarf Foundation. Watch the BTN story Beach Cricket - Classroom - BTN (abc.net.au) about an initiative of the Clontarf Foundation and write a summary information report about what you learnt.</p>	<p>and types of buildings. Predict some ways that your town might be similar or different than the town in the story.</p>	<p>2. What does the opening chapter tell us about Mia?</p> <p>3. What does the opening chapter tell us about the family dynamics?</p> <p>How do you feel about Jy? What values, beliefs and personal experiences influence your perspective on this character?</p>	<p>What do you think this means?</p> <p>What does 'respect' mean to you? Is it an important value for you? Why?</p>
Mathematics		<p>Lines of Symmetry A shape, drawing or photo can have a line or lines of symmetry if one half is a reflection of the other half. The line cuts the shape into two equal halves or mirror images. The line of symmetry can also be called an axis of symmetry, or axes of symmetry if there is more than one. To check for a line of symmetry try folding the image in half. If the two halves are exactly the same, then the fold line is a line of symmetry.</p>  <p>We see symmetry in natural and human environments all around us. The tiger's face and the Taj Mahal both show one line of symmetry. Both halves are identical to each other. Refer to</p>	<p>Rotational Symmetry Shapes which have rotational symmetry look identical in different positions when rotated around a central point. See appendix 3. Some of the letters of the alphabet have rotational symmetry.</p> <p>Activity 1: Test each letter to see if they have rotational symmetry.</p> <p>7</p> <p>Activity 2: One way to test if an object has rotational symmetry is to trace around its outline onto A4 paper using a pencil. The object is then rotated one full turn to discover if the outline of the object matches its outline on paper more than once as it is</p>	<p>Rotation Symmetry Watch: https://www.youtube.com/watch?v=nt43FJQppCQ</p> <p>Activity 1: Use the following website to draw a shape or combine several shapes together and create a shape which has rotational symmetry. https://www.mathsisfun.com/geometry/symmetry-artist.html</p> <p>Non-digital: Use your ruler and pencil to draw a shape which has rotational symmetry.</p> <p>Activity 2: Refer to appendix 4. Each of the designs below has rotational symmetry. Work out the order of rotational symmetry and write your answers in the boxes.</p>	<p>Triangles Watch: https://www.youtube.com/watch?v=mLeNaZcy-hE</p> <p>Non-digital: View appendix 5.</p> <p>Activity 1: Create a poster that identifies the properties of a right-angled, equilateral, isosceles & scalene triangle.</p> <p>Activity 2: Go for an adventure to find a range of right-angled, equilateral, isosceles & scalene triangles. Take photos and classify each triangle. Upload to Google Classroom.</p> <p>Activity 3: Use the interactivity to find all the different right-angled triangles you can make by just moving one corner of the starting triangle.</p>

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		<p>appendix 1.</p> <p>Activity 1: Draw 10 2D shapes. Identify the line of symmetry.</p> <p>Some shapes or images have more than one line of symmetry. Look at the shapes below. Refer to appendix 2.</p> <p>Activity 2: Go for an adventure to find objects that have lines of symmetry. Take photos and upload them to Google Classroom. Draw over the image to identify the lines of symmetry.</p> <p>Activity 3: Play Symmetry Line Game: https://www.sheppardsoftware.com/math/geometry/symmetry-line-game/</p>	<p>rotated. Test the following:</p> <p>A. Shoe. After tracing the shoe, lift the shoe and turn it around until it fits exactly inside the outline again. Does it have rotational symmetry? Explain your answer.</p> <p>B. Trace a 50-cent coin and test for rotational symmetry. What is the order of rotational symmetry? Explain your answer.</p> <p>C. A glass. Trace around either the base or rim of a glass and test for rotational symmetry. What is the order of rotational symmetry? Explain your answers.</p> <p>Activity 3: Explore rotational symmetry using the following website: https://www.mathplayground.com/rotation_painter.html</p>	<p>Activity 3: Use the following website to test out patterns and try out new lines of symmetry. https://www.teacherled.com/resources/symmetry/symmetryshapes/</p>	<p>https://nrich.maths.org/4901</p>
Other Learning Areas		<p>Science</p> <p><i>Walking Water Experiment</i></p> <p>For this experiment you will need: 3 cups, water, food colouring, paper towels.</p> <p>Half fill 2 cups with water. Add some food dye to each, make them different colours. Take a</p>	<p>Music</p> <p><i>Coat Hanger Gong-</i> Follow the instructions on how to make a coat hanger gong. You will need string, a coat hanger and scissors. Describe what you can hear.</p>	<p>Geography</p> <p><i>Field of Mars</i></p> <p><u>Activity 1</u></p> <p>What is Urban bushland?</p> <p>The term 'urban' means related to a town or city. Bushland is the term we use to describe the</p>	<p>Art</p> <p><i>Symmetrical Face</i></p> <p>Find an image of a face from an old magazine or photo. The face should be large and looking straight at the viewer (the larger, the easier the activity).</p> <p>1. Cut the face down the centre Use a ruler to ensure accuracy.</p>

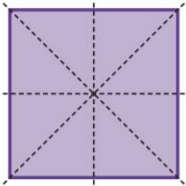
	Monday 4 th October	Tuesday 5 th October	Wednesday 6 th October	Thursday 7 th October	Friday 8 th October
		<p>square of paper towel and roll it up into a tube. Place one end into the coloured water in one cup. Bend the paper towel tube and put the other end into the empty cup. Repeat this with the other cup of coloured water. The empty cup should have the 2 paper towel tubes going into it (Appendix 7). Leave the experiment for up to a few hours but keeping an eye on it. Write down what you notice is happening.</p> <p>Can you think of a way that might speed this experiment up?</p> <p>Write up your experiment using the following headings. Describe in as much detail what happens in the results section.</p> <ul style="list-style-type: none"> • Investigation • Purpose • Hypothesis • Materials • Method • Results 	<p>SMG-Learning-Activities-Ear-Gongs.pdf (sciencemuseumgroup.org.uk)</p> <p><i>Theremin</i>- Theremin is an online synth instrument that makes many sounds. It shows a graphical sound wave on the screen.</p> <p>Theremin - Play your own musical synth with delay, feedback & scuzz (femurdesign.com)</p>	<p>natural forests of Australia. These forests and woodlands surround our cities and towns but are also found in urban areas.</p> <p>Think of a bushland area you have visited near where you live. Write 3 complete sentences to describe the bushland.</p> <p>So, what would you say urban bushland is like?</p> <p>How can you describe its characteristics?</p> <p><u>Activity 2</u></p> <p>At the top of your page write the heading <i>Bushland Features</i>. Make two columns and title them: <i>Natural Features</i> and <i>Built Features</i>. Choose an open space outside to sit. List the natural and built features you can see in all directions around you where you are sitting.</p> <p>What do you notice about the lists?</p> <p>Check out the 360 view of this urban bushland. Field of Mars Reserve Pittwater Road Gladesville - Google Maps</p> <p>How does it compare to yours?</p>	<p>2. Paste one half into your workbook or onto a fresh piece of paper.</p> <p>3. Draw the missing side to be symmetrical with the side you pasted.</p> <p>Compare the 'real' person with the one they have created.</p>

Spelling List – Week 10 Revision		
Rule Words	Phonics Words	High Frequency and Challenge Words
1. discussion 2. election 3. invention 4. objection 5. admission	6. sign 7. reign 8. resign 9. design 10. foreign	11. predict 12. desert 13. coastal 14. valley 15. erosion 16. climate 17. February 18. magazine 19. situation 20. material

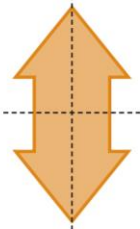
Appendix 1



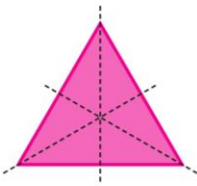
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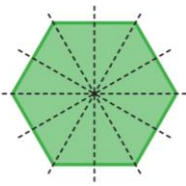
four lines of symmetry



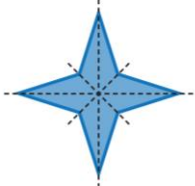
two lines of symmetry



three lines of symmetry
(equilateral triangle)

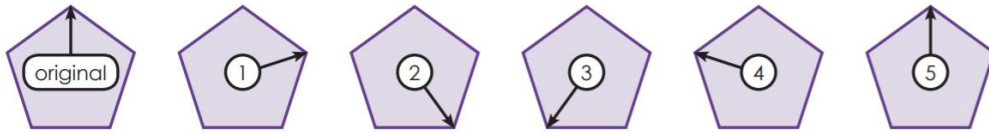


six lines of symmetry



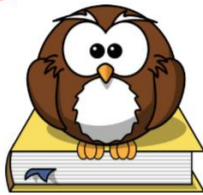
four lines of symmetry

Appendix 3



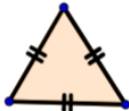
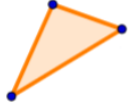
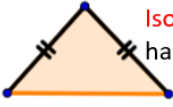

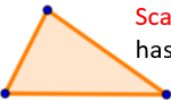
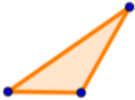
A pentagon has rotational symmetry order of 5. This is because it matches itself 5 times through a full rotation.

We use the term **order** to refer to the number of positions where the shape looks the same when rotated.



Appendix 5

Classify Triangles

By Side	By Angle
 <p>Equilateral Triangle has three equal sides</p>	 <p>Acute triangle has three angles $< 90^\circ$</p>
 <p>Isosceles Triangle has two equal sides</p>	 <p>Right triangle has one angle = 90°</p>
 <p>Scalene Triangle has no equal sides</p>	 <p>Obtuse triangle has one angle $> 90^\circ$</p>

Appendix 4



a. rotational symmetry of order:



b. rotational symmetry of order:



c. rotational symmetry of order:



d. rotational symmetry of order:



e. rotational symmetry of order:



f. rotational symmetry of order:

Appendix 6



Appendix 7

