

### Homework Activities Matrix for – Literacy and Numeracy

Literacy	Numeracy
<p><b>Reading</b></p> <p>Draw 3 important events that happened in the story, in the correct order.</p> <p>Draw a picture or a map of where the story took place.</p> <p>Draw and describe one of the characters from the story.</p> <p>Define 5 new or unusual words from the story.</p> <p>Write a few sentences to explain whether or not you liked the story.</p>	<p><b>Number and Algebra</b></p> <p>Create a number sequence, starting from 6, that increases by threes. Stop when you pass the number 50.</p> <p>Create a number sequence, starting from 50, that decreases by twos. Stop when you reach 0.</p> <p>Use words and pictures to represent a 3-digit number of your choice.</p> <p>Draw arrays showing 2 groups of 7, 3 groups of 5 and 6 groups of 10.</p> <p>Draw pictures showing 12 divided into 6 groups, 20 divided into 4 groups and 30 divided into 10 groups.</p> <p>Show how 32 buttons can be divided into halves, quarters and eighths.</p> <p>Draw 50c at least 3 different ways using coins.</p> <p>Draw the Australian coins in order from the least value to the most value.</p> <p>Write a word problem to represent the following number sentence: <math>7 + 5 = 12</math>.</p> <p>Write a word problem to represent the following number sentence: <math>16 - 9 = 7</math>.</p>
<p><b>Writing</b></p> <p>Write a recount about your weekend.</p> <p>Write a set of instructions for one of your household chores.</p> <p>Write a paragraph explaining why sun safety is important.</p> <p>Write a description of your favourite toy.</p> <p>Write a story about a child who can make themselves invisible.</p>	
<p><b>Language/Vocabulary</b></p> <p>Words are used to express feelings. Write list of 'feelings' words you could include in a story e.g. nervous, angry, excited. Draw a face showing each expression.</p> <p>Use the conjunctions 'and', 'but' or 'so' to write 5 interesting compound sentences e.g. I was very hot so I went for a swim at the beach.</p> <p>Common nouns are the names of everyday objects. Create a mind map showing as many different common nouns as you can.</p> <p>Read a description of a character from one of your favourite fairy tales. Using the description and any illustrations, create a list of adjectives to describe this character.</p> <p>Choose a hobby that you enjoy. Create a bank of words that you could use if you were speaking or writing about this activity. Try to brainstorm at least 10 words.</p>	

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<b>Spelling</b> Write your spelling words in alphabetical order. Break each of your spelling words into syllables. Write a rhyming word for each of your spelling words. Write each of your spelling words in an interesting sentence. Draw a picture to represent each of your spelling words.	<b>Measurement and Geometry</b> Draw 3 objects from around your home that are about the same length as your hand. Measure the area of 3 book covers using an object of your choice e.g. a post-it note. Draw an interesting artwork using squares, rectangles, triangles and circles. Draw a map of your school playground. Write directions from one place to another. Draw a flip, a slide and a turn of a two-dimensional shape of your choice.
	<b>Statistics and Probability</b> List 3 everyday events that are likely to happen and explain why. List 3 everyday events that are unlikely to happen and explain why. Make a tally showing the different colours of cars parked outside your home or classroom. Sort the students in your class into boys and girls. Show the results in a table. Ask 10 people to name their favourite ice-cream flavour. Present this data using a picture graph.

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Science	HASS	Other
<p><b>Biological Science</b></p> <p>Find 5 non-living things from around your home. Draw each object and label its observable features.</p> <p>Choose an animal. Research and record how your animal grows, moves, eats and reproduces.</p> <p>Draw a Venn diagram to compare living things and non-living things.</p> <p><b>Chemical Sciences</b></p> <p>Leave an ice cube on a bench (in a cup) for one hour. Record the changes that you observe during this period.</p> <p>Find 5 solid items and 5 liquid items in your fridge. Suggest what might happen to each item if it was heated.</p> <p>Choose a food that is solid. Draw a flow chart to demonstrate the process of the solid becoming a liquid.</p> <p><b>Earth and Space Sciences</b></p> <p>Make a list of possible consequences that would occur if the sun's light no longer reached the earth.</p> <p>Observe the moon each night this week. Draw a detailed diagram of what it looks like each evening.</p> <p>Draw a Venn diagram to compare the characteristics of day and night.</p> <p><b>Physical Sciences</b></p> <p>Create an informative poster showing different sources of heat energy. Draw a picture and write a brief definition of each source.</p>	<p><b>History</b></p> <p>Write a letter to your school principal explaining why 'Acknowledgement of Country' should be observed at the start of each school assembly.</p> <p>Write a list of special events that your family celebrates. Choose one to describe in greater detail.</p> <p>Choose an aspect of daily life e.g. clothes, toys, transport. Interview an older person about how this aspect of life has changed since they were younger.</p> <p><b>Geography</b></p> <p>Choose a country which neighbours Australia. Research and record 10 interesting facts about the natural or human features of this country.</p> <p>Choose a climate type. Do a PMI chart (plus, minus, interesting) about what it would be like to live in this climate.</p> <p>Describe a place that is special to you. Explain the emotions you feel about this place and why you might have these feelings.</p> <p><b>Civics and Citizenship</b></p> <p>Describe a situation that might arise at home or at school where a decision could be made by voting.</p> <p>Imagine you are the leader of your own country. List and explain at least 5 rules that you would put in place.</p> <p>Write a recount about a time you participated in a school or community event.</p>	<p><b>The Arts</b></p> <p>How might two friends act during a sleepover? Create a mind map showing the ways they might use their voice, faces and bodies to portray their excitement.</p> <p>Listen to a piece of instrumental music. As you listen, draw a response to the music on a piece of paper using patterns or images.</p> <p>Collect a range of natural materials from around your home e.g. leaves, twigs, flowers. Use these to create a nature collage.</p> <p><b>Technologies</b></p> <p>Think of an everyday problem you might experience e.g. there is no food in the cupboard for dinner. Write a series of steps you could follow to solve the problem.</p> <p>Choose one occupation in our community. Create a mind map showing the variety of ways this occupation uses technology.</p> <p>Choose a technological device that you have in your home. Write a paragraph explaining how you and your family use this device.</p> <p><b>HPE</b></p> <p>Write a paragraph about a time that you overcame a tough challenge. Explain what helped you to complete the task and how you felt once you succeeded.</p> <p>Create an informative poster showing how to make your classroom a safe, healthy and fun place to learn.</p> <p>Every day this week, record an activity you have done to help your body or your mind stay healthy.</p>

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Describe an everyday situation where a temperature change occurs due to movement of heat. Draw a diagram to accompany your description.

Choose one insulator. Draw a diagram of the insulator and explain how it slows down the movement of heat.

