

## Homework Activities Matrix for – Literacy and Numeracy

Literacy	Numeracy
<p><b>Reading</b></p> <p>Write an alternate ending for a book you have read.</p> <p>Write a poem or rap which summarises a book you have read.</p> <p>Create a board game which retells the main events of a book you have read.</p> <p>Write a paragraph which describes the setting of a book you are reading.</p> <p>Draw a picture of the setting of a book you are reading.</p> <p>Draw and describe the main character of a book you are reading.</p> <p>Write an acrostic poem to describe a character of a book you are reading.</p> <p>Draw a flow chart ordering 5 important events from a book you are reading.</p> <p>Define 10 new or unusual words you have found in a book you are reading.</p> <p>Draw or write a personal response to a book you have read.</p>	<p><b>Number and Algebra</b></p> <p>Choose a number between 1000 and 10 000. Use words and pictures to create a poster showing as much information about the number as possible.</p> <p>Research the distance between your home town and 5 other towns in another state. Write each distance in numbers and in words.</p> <p>Research the length of the 5 longest rivers in the world. Order the rivers from the shortest to the longest.</p> <p>Write as many addition and subtraction number sentences as you can using the numbers 4, 6 and 10.</p> <p>Choose 3 numbers. Write as many addition and subtraction number sentences as you can using these numbers.</p> <p>Draw visual representations for <math>7 \times 2</math>, <math>8 \times 5</math> and <math>6 \times 10</math>. Write a sentence to explain each drawing.</p> <p>Draw visual representations for <math>8 \div 2</math>, <math>20 \div 5</math> and <math>40 \div 10</math>. Write a sentence to explain each drawing.</p> <p>Write 5 real-life word problems that need to be solved using addition or subtraction. Answer each problem and show your working.</p> <p>Write 5 real-life word problems that need to be solved using multiplication. Answer each problem and show your working.</p> <p>List 5 situations in everyday life where the fraction <math>\frac{1}{2}</math> might be used. Draw a picture to represent each situation.</p> <p>List 5 situations in everyday life where the fraction <math>\frac{1}{4}</math> might be used. Draw a picture to represent each situation.</p> <p>Find a recipe that contains fractions. Draw and label a representation of any fractions in the recipe e.g. a half a cup of sugar.</p> <p>Draw \$7.30 at least 5 different ways, using both notes and coins.</p> <p>Research a currency used in another country. Draw and label some examples of their coins and notes.</p> <p>Create a number pattern that increases and a number pattern that decreases. Describe the rule for each pattern.</p>
<p><b>Writing</b></p> <p>Write a factual recount about a family celebration.</p> <p>Write an information report about the moon.</p> <p>Write a procedure about how to make your favourite meal.</p> <p>Write a procedural recount about an activity or game you played at school.</p> <p>Write a persuasive text about why children should do more exercise.</p> <p>Write a discussion about the advantages and disadvantages of homework.</p> <p>Write a literary description of a famous fairy tale character.</p> <p>Write a literary recount about a time when you felt proud.</p> <p>Write a review of a television show or movie you have watched recently.</p> <p>Write a narrative about a magic cat, an old man and a secret passageway.</p>	
<p><b>Language/Vocabulary</b></p> <p>Create a table with the following headings: <i>Certain, Likely, Unlikely, Impossible</i>. List at least 5 events that would belong under each heading.</p> <p>Create a table with the following headings: <i>Must, Should, Should Not, Must Not</i>. List at least 5 behaviours that would belong under each heading.</p>	<p><b>Measurement and Geometry</b></p> <p>Find 10 straight objects around your home e.g. a toothbrush, a pen, a wooden spoon. Place the objects in order from shortest to longest, then list the order in your book.</p> <p>Find 10 food items in your pantry. List each item and record its mass (written on the packaging). Order the items from lightest to heaviest.</p>

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<p>Choose a topic that interests you. Draw a Venn diagram to compare words you might use in a factual report about the topic and words you might use in a narrative.</p> <p>Look through newspapers or magazines and cut out any examples of contractions you find. Use these examples to create a contractions collage.</p> <p>Write 5 descriptive sentences about an interesting or unusual character. In each sentence, circle the subject and underline the verb.</p> <p>Create a table with the following headings: <i>Doing, Thinking, Saying</i>. List at least 5 actions (verbs) that you have done during the day under each heading.</p> <p>Imagine that you are telling a friend about a movie that you enjoyed. Create a word bank of vocabulary that you might use when expressing your opinion.</p> <p>Imagine that you are telling a friend about a book that you did not like. Create a word bank of vocabulary that you might use when expressing your opinion.</p> <p>Choose a hobby that you enjoy. Create a word bank of technical vocabulary related to your hobby. Try to brainstorm at least 20 words.</p> <p>Choose 3 pairs of homophones. Draw a picture of each pair of words to show the difference in their meanings e.g. whale and wail.</p>	<p>Find 10 liquid items in your fridge. List each item and record its capacity (written on the packaging). Order the items from least to greatest capacity.</p> <p>Make a list of activities that take approximately one minute to complete. Time yourself completing each activity to see if you were correct.</p> <p>Create a timetable for all the important events in your day. These might include waking up, eating meals, going to and from school and going to bed.</p> <p>Use a net to create a model of a 3D shape of your choice. Describe as many key features of the shape as you can.</p> <p>Choose a 3D shape of your choice. Create a mind map showing all the places you might find this shape in everyday life.</p> <p>Use a grid to draw a map of an amusement park. Include coordinates and a key to explain any symbols you have used.</p> <p>Write a detailed set of directions (at least 5 instructions) explaining how to get from your front door to another part of your home.</p> <p>Find one example of natural symmetry and one example of built symmetry around your home. Draw each example and show the lines of symmetry.</p> <p>Draw 10 angles that you can find around your home.</p>
<p><b>Spelling</b></p> <p>Write your spelling words in alphabetical order.</p> <p>Colour code your spelling words according to the vowels and consonants.</p> <p>Write your spelling words in an interesting font.</p> <p>Write each of your spelling words with the letters jumbled up.</p> <p>Write your spelling words showing breaks for each syllable.</p> <p>Write the dictionary definition of each of your spelling words.</p> <p>Write each of your spelling words in a meaningful sentence.</p> <p>Write a paragraph which includes your spelling words.</p> <p>Write a true or false statement for each of your spelling words.</p> <p>Write 3 clues about each of your spelling words.</p>	<p><b>Statistics and Probability</b></p> <p>Toss a coin twice and record the outcome. Repeat the experiment two more times. Describe what you notice about your results.</p> <p>Roll a dice times 6 times and record the outcome. Repeat the experiment two more times. Describe what you notice about your results.</p> <p>Choose 10-20 items of clothing from your cupboard. Sort your clothes into categories and make a tally showing how many of each item you have.</p> <p>List 5 questions that you could ask your friends if you were doing a survey. Explain how you might display your data.</p>

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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>Describe an everyday situation where a temperature change occurs due to movement of heat. Draw a diagram to accompany your description.</p> <p>Choose one insulator. Draw a diagram of the insulator and explain how it slows down the movement of heat.</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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