Home School Suggested Activities Matrix for Upper Primary– Literacy and Numeracy – Level 2

Literacy	Numeracy
Reading Write a sequel for a book you have read. Create multiple choice quiz questions for a book you have read. Write a script for an important scene of a book you are reading. Draw a detailed map of the setting of a book you are reading. Write a literary description, which describes the setting of a book you are reading. Create an artwork of the setting of a book you are reading. Invent a new character for a book you are reading. Draw and describe this character. Write a bio poem to describe a character of a book you are reading. Create a word bank of interesting words you have found in a book you are reading. Write a book review for a book you have read. Present it to the class. **Writing** Write a factual recount about an event leading up to Australian Federation. Write an information report about an animal that lives in an extreme environment. Write a procedural recount about an experiment you have done in Science. Write an explanation about how volcanoes erupt. Write a persuasive text about why children should eat healthily. Write a discussion about the advantages and disadvantages of smartphones. Write a literary description of an ogre. Write a literary recount about a happy experience you shared with a friend. Write a review of a movie you have seen recently. Write a narrative about a secret passageway, a magic hat and two friends. **Language/Vocabulary** People adapt the way the speak, depending on the social situation they are in. Draw a Venn diagram to compare when it is appropriate to use formal language and when it is acceptable to use informal language. Include both spoken and written examples.	**Number and Algebra** Find some materials around your home to represent 1, 3, 6, 10, 15 and 21 as triangular numbers. If possible, take a photo of your representations. Draw a hundreds board. Colour the prime numbers in red and the composite numbers in blue. Create factor trees to find the prime factors of the following numbers: 34, 68, 116. Write 3 different number sentences using all four operations where the answer is 21. Write as many number sentences as you can using the numbers 8, 4 and 11, making sure that the answer is an odd number. Research the monthly average temperature at the South Pole, Antarctica, for each month of the year. Order the months from the warmest to the coldest. Place the following fractions on a number line between 0 and 1: 3/12, 12/12, 3/4, 1/2, 1/6, 4/6, 5/8, 7/8. Find a recipe from a cookbook or the Internet. Triple each of the quantities for all the ingredients. Rewrite the new amounts. Calculate the following quantities: 1/4 of the items in your fridge, 1/3 of the pairs of socks in your house and 3/5 of the coffee cups in your cupboards. Find 5 food products your cupboard with decimals on the food label e.g. sugar, salt and fat content. Multiply each of the decimals on the label by the power of 10. Make a puzzle that connects equivalent fractions, decimals and percentages e.g. 1/4, 25%, 0.25. Choose a page from a supermarket catalogue (from your mailbox or online). Apply a 10%, 25% and 50% discount on all the items on the page. Write 5 real-life word problems that use discounts of 10%, 25% or 50%. Answer the word problems and show your working. Create a number sequence using whole numbers, a number sequence using fractions and a number sequence using decimals. Describe the rule for each sequence. Write 5 real-life problems that need to be solved using all four operations. Write the number sentence using brackets, then calculate the answer.

Many words are overused in writing. Some of these include: *nice, fun, said, good, bad.* In a table, list at least 5 more interesting synonyms for each of these words.

Imagine you have just witnessed a bank robbery. Write a paragraph about what you saw in subjective language (from your personal viewpoint), then another paragraph using objective language (from an unbiased viewpoint, stating only the facts).

Write 10 interesting compound sentences (sentences which contain a subordinate clause). Underline the subordinate conjunction in each sentence.

Write a conversation between you and a friend, discussing a movie that you both enjoyed. Underline any examples of evaluative language which show your opinion.

Imagine that your teacher has decided to keep your class in at lunchtime as a punishment. Write a paragraph to explain how you feel about this action. Underline any examples of evaluative language which show your feelings.

Use adverbial phrases to finish this sentence: *The doorbell rang*...Try to come up with 10 different endings e.g. *The doorbell rang at exactly nine o'clock.*

Use a dictionary or the Internet to research words we use today that originate from Greek roots e.g. 'decade' which comes from 'dec' meaning ten. Try to list and define at least 10 words.

Create a table with the following headings: a*uto, extra, mis, sub, tri.* Under each heading, list at least 5 words that begin with each prefix.

Many occupations end with the prefix 'ist' or 'er' e.g. dentist, teacher. Create a mind map to show as many of these occupations as possible.

Spelling – **Revise all the Spelling Words from Term 1**

Write your spelling words in forwards and backwards alphabetical order.

Colour code your spelling words according to the vowels and consonants.

Write boxes around each letter in your spelling words.

Write each of your spelling words inside a word search.

Write your spelling words showing breaks for each syllable.

Write the dictionary definition of each of your spelling words.

Write each of your spelling words in a meaningful sentence.

Write a conversation (using direct speech) which includes your spelling words.

Write a true statement and a false statement for each of your spelling words.

Write 5 clues about each of your spelling words.

Measurement and Geometry

Measure 5 objects from around your home. Record the lengths in millimetres, centimetres and metres, then order the items from shortest to longest.

Find 5 items in your fridge that are weighed in grams or kilograms. Record their mass in milligrams, grams and kilograms, then order the items from lightest to heaviest.

Research and define the meanings of the following measurement prefixes: *milli, centi, kilo, giga, mega*.

Write 5 real-life word problems involving perimeter and/or area. Answer the word problems and show your working.

Draw 3 different three-dimensional shapes with a volume of 8 cubic centimetres.

Create a timetable of your daily activities for 3 days. Use 24-hour time to record your activities.

Make a timeline of your life so far. Record all the important and memorable events that have happened.

Design a logo for a new Italian restaurant in your street. Use some reflection and rotation in your logo.

Draw a Cartesian plane. Use the grid to play a game of 'Battleships' against a member of your family.

Make a poster explaining how to find co-interior angles, corresponding angles and vertically opposite angles.

Statistics and Probability

Make a spinner that represents a 25% chance of landing on red, a 0.5 chance of landing on green and a 1/4 chance of landing on yellow.

Flip a coin 5 times, then 10 times, then 20 times. Record the results for each experiment. Was the outcome different when you did more trials? How? What do you think might happen if you flip the coin 100 times?

Make a list of all your shirts, shorts and shoes. Visually represent all the combinations of clothes and shoes that you could wear.

Make a list of 5 survey questions where you could represent the data in a side-by-side column graph.

Find a graph in the newspaper or online. Decide whether you think the graph accurately represents the topic. Explain your viewpoint.