

Grade 5 and 6: Thursday, March 26

TASK 1: LITERACY

Approx: 45 mins

Kids News: Learning through news

Note to Parents/Guardians:

The kidsnews.com.au website is a daily kids-based news service to allow children to read and learn about current events that have been written appropriately and explained in a child-friendly way. Go to the website to complete this activity at kidsnews.com.au. You can use this website and activities in all different ways to help your child with their literacy learning and it is free and easy to access.

Activity:

Using the home computer, laptop or tablet, visit **kidsnews.com.au** and scroll through the latest stories and choose one of interest to you.

Read the article or choose the 'Listen to this story' option which will read the article out aloud.

Complete the 'Quick Quiz' and 'Classroom activity' at the end of the article.

Extension:

Your child can choose to complete the Extension activity at the end of the Kids News article or choose an activity they'd like to do to respond to the article.

Curriculum Links:

English – Literacy – interpreting, analysing, evaluating

Year 5: Use comprehension strategies to analyse information, integrating and linking ideas from a variety of print and digital sources.

Year 6: Use comprehension strategies to interpret and analyse information and ideas, comparing content from a variety of textual sources including media and digital texts.

TASK 2: LITERACY

Approx: 45 mins

Suffixes – 'ous'

Note to Parents/Guardians:

This activity will help your child understand how suffixes change the meaning of words.

Activity:

A suffix is a few letters put at the end of a word to change its meaning.

Adding 'ous' to the end of a word means that the subject is full of or possesses something. (Sometimes the ending of the base word is changed slightly before 'ous' is added.)

Take this sentence for example: *My mother was furious that I had lost my brand new school jumper.*

It means the mother was full of fury.

For each of these words, determine what the subject is full of or possesses and then use the word in a sentence.

Example:

Dangerous

Full of danger

Walking the tightrope above crocodile infested waters was dangerous.

- victorious
- humorous
- venomous
- generous
- famous
- curious

Extension:

Make a list of at least 10 more words you can think of or find that end with the suffix 'ous'.

Curriculum Links:

English – Language – Phonics and word knowledge

Year 5: Understand how to use knowledge of known words, base words, prefixes and suffixes, word origins, letter patterns and spelling generalisations to spell new words.

Year 6: Understand how to use knowledge of known words, word origins including some Latin and Greek roots, base words, prefixes, suffixes, letter patterns and spelling generalisations to spell new words including technical words

BREAK: 30 minutes

TASK 3: MATHEMATICS

Approx: 30 mins

Factor Trees and problem solving

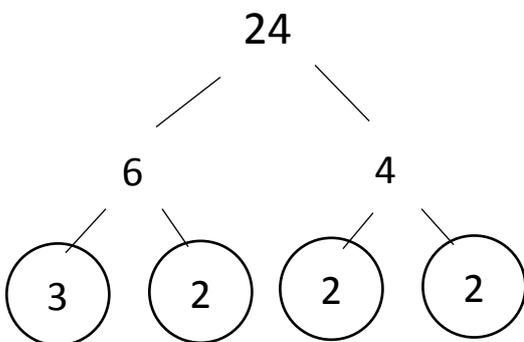
Note to Parents/Guardians:

This activity builds upon yesterday's lesson featuring prime numbers. It can be completed with the assistance of a calculator. Some numbers will have more than one correct solution. Answers can be checked by multiplying each of the final numbers in the chain.

Activity:

Watch [this video](#) about factor trees.

Here is an example of a factor tree. Notice that it stops when it reaches prime numbers. The answer can be checked by multiplying the prime factors at the bottom of each root of the tree: $3 \times 2 \times 2 \times 2 = 24$



Create a factor tree for each of these numbers. Stop when you reach prime numbers.

36 63 98 78 104 48

Check your answers with a calculator by multiplying all of the prime factors.

Curriculum Links:

Mathematics-Number & Algebra – Number and Place Value

Year 5: Identify and describe factors and multiples of whole numbers and use them to solve problems.

Year 6: Identify and describe properties of prime, composite, square and triangular numbers.

TASK 4: Science

Approx: 45 mins

Earth and space sciences

Note to Parents/Guardians:

This activity builds upon knowledge from Monday's Science activity. Year 5 students will need a large space to work in such as a large room hallway or outdoor space, a tape measure and 9 spherical objects such as balls or marbles.

Activity:

Year 5: Gain a better understanding of the distance between the sun and each of the planets by creating a scale model using spheres to represent the sun and the planets.

Label each of your spheres with the names of the Sun and the planets.

Place the sun out first, then use your measuring tape to place out each of the planets according to the final column of the table below. You will end up with a scale model showing how far each planet is from the sun and one another.

Planet	Distance from Sun (rounded to the nearest million kilometres)	Distance from your Sun
Mercury	58 million km	5.8 cm
Venus	108 million km	10.8 cm
Earth	150 million km	15 cm
Mars	228 million km	22.8 cm
Jupiter	778 million km	77.8 cm
Saturn	1,427 million km	142.7cm
Uranus	2,871 million km	287.1cm
Neptune	4,495 million km	449.5cm

Year 6: Watch this video ([National Geographic – Earthquakes 101](#)) taking notes as you watch.

When it is finished, tell your adult verbally or write down, the 5 facts that you think were the most significant things you learnt.

Then record a video of yourself using household objects to explain how an earthquake occurs.

Curriculum Links:

Science – Science Understanding – Earth and space sciences

Year 5: The Earth is part of a system of planets orbiting around a star (the sun).

Year 6: Sudden geological changes and extreme weather events can affect Earth's surface.

LUNCH: 60 minutes

TASK 5: HEALTH AND PHYSICAL EDUCATION

Approx: 60 mins

Healthy Food choices

Note to Parents/Guardians:

Students will require some catalogues or magazines with pictures of raw food ingredients, scissors and glue.

Activity:

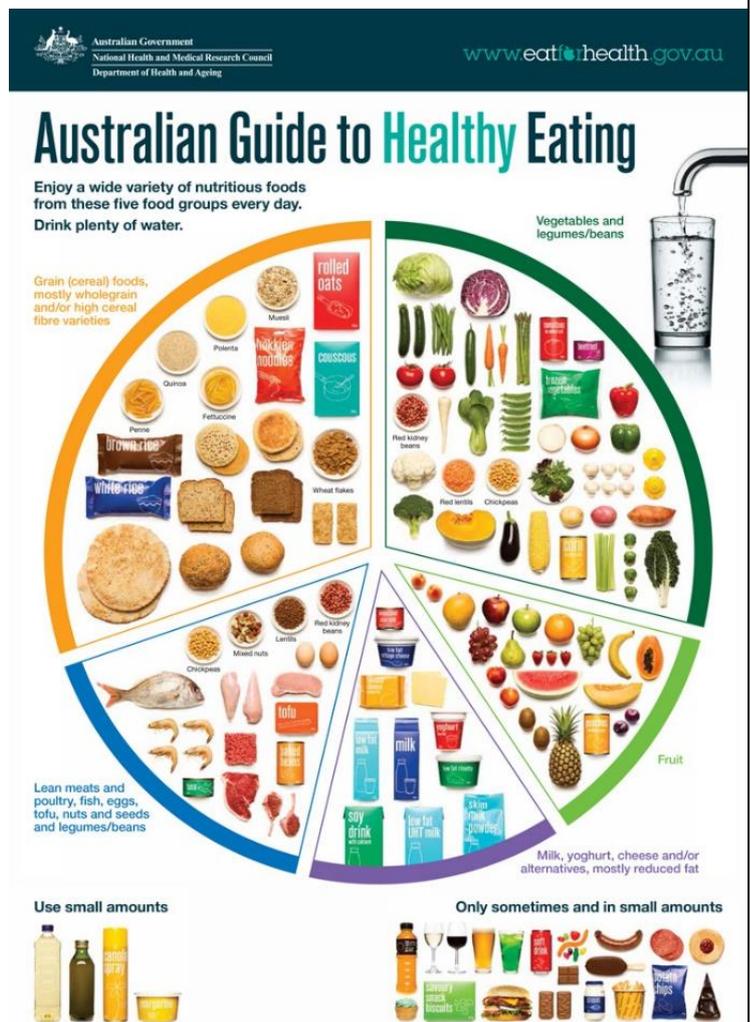
Create your own version of the “Australian Guide to Healthy Eating” pie graph (also included in the Appendix at the end of this lesson plan).

1. On a blank sheet of paper draw a circle and divide it into 5 sections like the example shown. The size of the sections lets you know how much of the food you eat should come from each group.
2. Cut pictures of food items from catalogues or magazines and glue them into the correct section of the graph. If you don't have catalogues or magazines you can draw instead.

Extension:

Play this game to practise making good food choices.

<https://www.eatforhealth.gov.au/nutrition-calculators/food-balance>



Curriculum Links:

Health and Physical Education – Personal, social and community health – Contributing to healthy and active communities

Year 5 and 6: Investigate the role of preventive health in promoting and maintaining health, safety and wellbeing for individuals and their communities.

BREAK: 30 minutes

TASK 6: THE ARTS

Approx: 30 mins

Drama

Note to Parents/Guardians:

If you can, take turns participating in this activity with your child and involve siblings. The more people, the more fun.

Activity:

The aim of this activity is to practise your drama improvisation skills. That means creating a performance without preparation.

You will need two cups and some blank strips of paper.

Each participant should write down the names of 3 occupations or animals (eg. tightrope walker, kitten, a pianist) and 3 tasks (eg. cooking dinner, going for a swim, catching a bus) without showing the other participants.

Place all of the occupation/animals in one cup and all of the tasks in the other cup.

Players take turns to draw a strip of paper from each cup and then must begin a performance of this pairing within 5 seconds (eg. acting out a tightrope walker trying to catch the bus).

The performance should last for 30 seconds to 1 minute.

Provide constructive feedback to one another about each other's performances.

Curriculum Links:

The Arts – Drama

Year 5 and 6: Explore dramatic action, empathy and space in improvisations, play-building and scripted drama to develop characters and situations.

SUGGESTED LUNCHTIME ACTIVITIES

- Helping with some household tasks such as making your bed and hanging clothes up to dry.
- Preparing your own fresh and tasty lunch.
- Playing board games.
- Dancing to some favourite songs. Create your own dance routine to show your family.

ADVICE FOR PARENTS/GUARDIANS REGARDING YOUTUBE LINKS

While YouTube offers some excellent learning resources and we offer suggested links in this material, Kids News cannot guarantee the type of advertisements that will pop up while you are watching these clips.

Please only allow your child to watch the suggested clips with supervision so that you can prevent them seeing the advertisements that are not age appropriate.

NOTE FOR PARENTS/GUARDIANS

These free activities are written by qualified, practising teachers in accordance with/with reference to the Australian National Curriculum 2020 and are intended to be used as a guide for parents.



TODAY'S STORIES

- 1. Aussie zoo's big hatch of critically endangered snapping turtles**
- 2. Australian treasures stored in icy global code vault**

APPENDIX



Australian Government
National Health and Medical Research Council
Department of Health and Ageing

www.eatforhealth.gov.au

Australian Guide to Healthy Eating

Enjoy a wide variety of nutritious foods from these five food groups every day.
Drink plenty of water.

Grain (cereal) foods, mostly wholegrain and/or high cereal fibre varieties



Vegetables and legumes/beans



Lean meats and poultry, fish, eggs, tofu, nuts and seeds and legumes/beans



Milk, yoghurt, cheese and/or alternatives, mostly reduced fat



Fruit



Use small amounts



Only sometimes and in small amounts

