

LEARNING AT HOME

Years 7 to 9: Wednesday April 1

TASK 1: WELLBEING

Approx: 30 mins

Get Informed

Note to Parents/Guardians:

Today's activity is focussed on encouraging students to use reliable sources of information for any questions about COVID-19 that they may have. Having accurate information can help to ease any worries that your child may have. If your child requires counselling support, contact Kids HelpLine 1800 55 1800 <https://kidshelpline.com.au/>

Activity:

Do you have any questions about:

- COVID 19?
- What the rules are where you live
- What is happening as far as your school is concerned right now?
- Anything to do with the situation that we are in right now?

Write them down.

One important way to beat stress is to get correct information.

Use these resources to answer the questions that you have written down:

<https://www.health.gov.au/resources/collections/novel-coronavirus-2019-ncov-resources>

Your school's website

Your state's Department of Health website

Your state's Department of Education website

Kidsnews.com.au

Curriculum Links:

Personal and Social Capability – Self Awareness and Management – Development of Resilience

Years 7 and 8: Discuss the range of strategies that could be used to cope with difficult tasks or changing situations.

Year 9: Evaluate behaviours and protective factors that contribute to the development of confidence, adaptability and self-reflection.

TASK 2: DIGITAL TECHNOLOGIES

Approx: 60 mins

Code Bank

Note to Parents/Guardians:

Kids News is a daily news service of child-appropriate news stories with a range of activities. This is a good daily activity, as the stories cover all curriculum areas. Students can listen to the story, if that suits their learning style or you would like to share it.

Today's focus is Digital Technologies with a story on a global code bank.

Activity:

Follow the link to the Kids News story on the GitHub Arctic Vault Program.

<https://www.kidsnews.com.au/technology/australian-treasures-stored-in-global-code-bank-250m-below-ground-in-norway/news-story/9d48a4cb410ba150505b22db4376d8d5>

Complete the activities at the end of the news article, including the extension.

Curriculum Links:**Digital Technologies**

Years 7 and 8: Investigate how data are transmitted and secured in wired, wireless and mobile networks.

Year 9: Investigate the role of hardware and software in managing, controlling and securing the movement of and access to data in networked digital systems.

BREAK: 30 minutes**TASK 3: MATHEMATICS**

Approx: 60 mins

Revision – Make a maths video**Note to Parents/Guardians:**

Today's activity is a different type of revision activity.

Activity:

WooTube is the You Tube channel of Eddie Woo, a Sydney high school mathematics teacher.

Watch this.

<https://www.youtube.com/watch?v=nBdWxsm6x5M&list=>

Imagine that you are in Eddie's class, and do what he is asking you to do. Watch the video as many times as you need. Choose one of the topics or concepts in maths that you have worked on at school.

Write a script or create a storyboard for your own YouTube maths video.

The purpose of your video is to help other kids to understand this topic or concept. Remember that you need to make it interesting and fun.

Curriculum Links:**Mathematics**

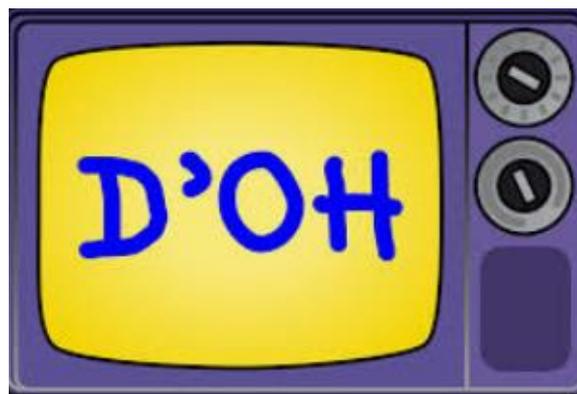
Years 7, 8 and 9: The proficiencies of Understanding, Fluency, Problem Solving and Reasoning are fundamental to learning mathematics and working mathematically and are applied across all three strands Number and Algebra, Measurement and Geometry, and Statistics and Probability.

TASK 4: ENGLISH

Approx: 40 mins

That's not a Word!**Note to Parents/Guardians:**

This English activity focusses on onomatopoeia and para language.



Activity:

There are a lot of things that we say and write that aren't actually words but we all know what they mean. Look at the examples below. For each example, write a sentence that explains when you would make this sound (or what it means).

ka pow!

aaarrggghhhh!

hmmm....

eek!

ssshhh....

he he he

You can call these types of words sound words, but their real names are:

1. onomatopoeia, which is when a word is the same as the sound like creak, bang! quack, hiss.
2. paralanguage, which is when you make a sound that isn't really a word but everyone knows what you mean, like uh-oh, d'oh! umm, a-ha!

You can use these words to make your writing and cartooning much more exciting and dramatic.

Write a story using as many examples of onomatopoeia and paralanguage as you can.

Extension: Write a story using ONLY onomatopoeia and paralanguage.

Curriculum Links:**English Literature – Creating literature**

Year 7: Experiment with text structures and language features and their effects in creating literary texts (VCELT385).

Year 8: Experiment with particular language features drawn from different types of texts, including combinations of language and visual choices to create new texts (VCELT418).

Year 9: Experiment with the ways that language features, image and sound can be adapted in literary texts (VCELT447).

LUNCH: 60 minutes

TASK 5: ENGLISH

Approx: 20 mins

Drop Everything and Read

Note to Parents/Guardians:

This is a daily activity where everyone stops what they are doing and reads for 20 minutes. It helps if you do this at the same time each day and join in yourself!

You will need:

A book or other material that the student wants to read and can spend at least 20 minutes reading it. It is important that it is something they are interested in and are motivated to read.

Activity:

Find a comfortable place and read for 20 minutes.



BREAK: 30 minutes

TASK 6: SCIENCE

Approx: 60 mins

Biology

Note to Parents/Guardians:

For Science, we will continue to use Science By Doing units of work. This resource is from the Australian Academy of Science and is aligned to the Australian Curriculum. It is free, but you or your child will need to register and log in. Our focus is on the units of work related to biology and ecosystems. However, if your child has already covered this work, feel free to choose any of the others for their year group.

Some activities are written for pair or group work. Adapt these to asking your child to do the activity. If you can, discuss and share the activity with them.

It's important to remember that you can adapt the activity to suit your particular situation. This can be self-paced to suit their learning style and needs, but students could aim to complete 2 activities per day if that is possible for them.

Activity:

Keep investigating your topic on Science by Doing:

Locate the website on <https://www.sciencebydoing.edu.au/>

Log in.

If you have already completed this unit, do the next one. Complete the same number of activities.

Year 7

Keep investigating the circle of life. Download the activities and use the Student notebook and the Student Digital Resources as you need to.

<https://www.sciencebydoing.edu.au/student/circle-of-life>

Complete Activity 2.2

Extension: Complete Activity 2.3

Year 8

Keep investigating cells. Download the activities and use the Student notebook and the Student Digital Resources as you need to.

<https://www.sciencebydoing.edu.au/student/from-little-things>

Complete Activity 2.2

Extension: Complete Activity 2.3.

Year 9

Keep investigating ecosystems. Download the activities and use the Student notebook and the Student Digital Resources as you need to.

<https://www.sciencebydoing.edu.au/student/ecosystems-and-change>

Complete Activity 2.2

Extension: Complete Activity 2.3.

Curriculum Links:

Science – Biological Sciences

Year 7: There are differences within and between groups of organisms; classification helps organise this diversity.

Year 8: Cells are the basic units of living things and have specialised structures and functions.

Year 9: Multicellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment.

SUGGESTED LUNCHTIME ACTIVITIES

- Do 3 small chores around the house to help out your family members and save you doing them at night.
- Exercise! Walk, run, kick a ball, dance – get moving.
- Call or Facetime a friend to see how they are filling their day.

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. Take a sneak peek at how Disney creates its special 'lands'.**
- 2. What is April Fools' Day and how did it begin?**
- 3. Rediscovering the lost city of Pompeii**