Framework for Learning from Home – Year 6

Term 3 – Week 9

	Monday 6th September	Tuesday 7th September	Wednesday 8th September	Thursday 9th September	Friday 10th September
Session 1	**English** **Reading:** read or listen to a news article from https://www.kidsnews.com.au/ **Respond:** Choose one of the following: • answer the questions at the end of the article • complete one of the activities at the end of the article **Soundwaves – Unit 27** Complete online activities using the online platform.	**English** **Reading:** Read a chapter from a book at home or use your school magazine or storyline online: https://www.storylineonline.net/ **Response:** Create a poem about your favourite character. You can look for examples or poetry styles online: https://www.poetry4kids.com/lessons/poetry-writing-lessons/ **Soundwaves – Unit 27** Complete page 1 of Unit 27 student pages.	**Wow Week: CRAZY HAIR DAY** Today is Crazy Hair Day! Show your craziest hair style in Library! You do not need to go out and buy anything but see how creative you can be with your hair using what you have at home! **English** **Reading:** Read a chapter from a book at home or use your school magazine or storyline online: https://www.storylineonline.net/	**R U OK? DAY** **English** **Library Response Task** (from Wednesday's Library Teams meeting with Mr Philpott) **Soundwaves – Unit 27** Complete page 2 of Unit 27 student pages.	**English** **Reading:** Listen to the Squiz Kids daily podcast: https://www.squizkids.com.au/ **Respond:** Record the 5 most interesting facts. ***Why are they interesting to you?*** **Soundwaves – Unit 27:** Challenge (Optional)

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	Writing: View stories 'The true story of the three little pigs' and 'The three little wolves and the big bad pig.' Compare and contrast wolf and pig from the two stories.	**Viewing**: Watch 'Behind the News' on ABC Me or online at https://www.abc.net.au/btn **Respond**: Choose your favourite story. Write a detailed summary of the story.	**Response:** Make a collage. Find pictures online and make a collage that represents what happened in your story. Try to find pictures to illustrate the characters, settings and events. **Library with Mr Philpott at 9:30am** **Maths** **NRICH activity** *A Bit of a Dicey Problem* Students use problem solving skills to determine the chance of getting different results from rolling a range of dice. **OC Maths** **Olympiad – Round 4** Students use problem solving skills to solve 5 questions as part of the Olympiad.	**Writing:** Using the Free/Wanted' poster exemplar for the wolf as a guide, students create a 'Free or Wanted' poster for the pig. Using persuasive and emotive language, convince your audience if the culprit should be imprisoned or freed.	**History** Students explore the theme of migration to Australia after World War 1 (1945): who migrated, why, and their experience of becoming part of the nation. **Activity 7 -** https://www.australianhistorymysteries.info/resource-zone/primary-immigration/activity-7.php

	Monday 6th September	Tuesday 7th September	Wednesday 8th September	Thursday 9th September	Friday 10th September
Break	Break (30 mins) Eat & Play	Break (30 mins) Eat & Play	Break (30 mins) Eat & Play	Break (30 mins) Eat & Play	Break (30 mins) Eat & Play
Session 2	**Maths** **Hotmaths – Chance** - Using fractions for chance - Caterpillar race game **OC Hotmaths – Venn Diagrams & Probability** **Hotsheet:** Probability from Venn Diagrams **Fitness: Bootcamp** – complete the activity task card	**Maths** **Hotmaths - Chance** - Marble fractions - Percentage and decimal chance - Spinner design **OC Hotmaths - Two-way tables & Probability** **Hotsheets:** 1. Working with two-way tables 2. Probability from two-way tables **History** Students explore the theme of migration to Australia after World War 1 (1945): who migrated, why, and their experience of becoming part of the nation. **Activity 3 -** https://www.australianhistorymysteries.info/resource-zone/primary-immigration/activity-3.php	**Excursion at The Rocks with Ranger Jamie at 11:30am** **(**Australia as a Nation – History) Link to be shared on Microsoft Teams	**Excursion at Symbio with Ranger Jamie at 12:30pm** **(**Features & Adaptations of Living Things – Science) Link to be shared on Microsoft Teams **Maths** **Hotmaths - Chance** - Exploring mutant caterpillar race - Chance experiment - Ice cream parlour **OC Maths – NRich** Probability Problems	**Maths** **Hotmaths Test** Chance **OC Hotmaths Test** Probability **Fitness – UNO workout** Use a deck of UNO cards to identify your fitness schedule.

	Monday 6th September	Tuesday 7th September	Wednesday 8th September	Thursday 9th September	Friday 10th September
Break	Break (1 hour) Eat & Play	Break (1 hour) Eat & Play	Break (1 hour) Eat & Play	Break (1 hour) Eat & Play	Break (1 hour) Eat & Play
Session 3	**Community Languages classes (20mins)** **Cyber Safety** It's time for you to learn how to be secure when using a device Watch the video - https://vimeo.com/262150643 - so you have all the information you need to get the quiz answers right! Take the quiz here - https://www.esafety.gov.au/educators/classroom-resources/be-secure/quiz	**Art** **Famous Portraits – Vincent Van Gough** Please use the attached PowerPoint to complete this task.	**WELLBEING WEDNESDAY** • Design and make an obstacle course inside or in the garden. How fast can you complete it? • Can you make up your own jokes? Tell them to someone to make them laugh! • Complete a mindfulness guided meditation. You can access these on Smiling Mind or Peaceful Kids • https://www.smiling	**History – Australia as a Nation** History Mysteries ' Student login User: hurstville Password: hurstville **Staff** Teacher login- jayne.muir@det.nsw.edu.au Password- hps2197hps	**WOW WEEK – Choice grid activities** Using the grid attached complete as many tasks as you can.

	Monday 6th September	Tuesday 7th September	Wednesday 8th September	Thursday 9th September	Friday 10th September
			mind.com.au/ https://www.peacefulkids.com.au/		

Word Work Grid

Complete each of the activities in this grid. Write the date you completed each activity on the line provided.

Syllable Sort Write your spelling words in order from the least amount of syllables to the most. Words with the same number of syllables should be in alphabetical order. Date:_____	**Odd One Out** For each of your spelling words, write four words. One is your spelling word, two relate to your spelling word and one is the odd word out that doesn't fit with the other two. Date:_____	**Wacky Words** On a sheet of paper, write your spelling words in different directions, filling up the whole sheet. Use different colours and types of writing for each word. Date:_____	**Word Detective** Write three clues about each of your spelling words. Ask someone to try to guess your spelling words using your clues. Date:_____	**Digging in the Dictionary** Use a dictionary to find the definition and write a sentence for each of your spelling words. Date:_____
Rhyming Wheels Think of as many words as you can that rhyme with your spelling words. Date:_____	**Alliteration** Write a sentence for each of your spelling words using as much alliteration as possible. Date:_____	**Sentence Smart** Write a sentence for each of your spelling words. Date:_____	**Story Time** Write a story using as many of your spelling words as you can. Underline each of your spelling words. Date:_____	**Sort Them Out** Sort the words on your spelling list into three different categories of your choice. Date:_____
Word Search Create your own word search using all the words on your spelling list. Date:_____	**Handwriting Hero** Write out your spelling words in your very best cursive hand writing. Date:_____	**Letter Lingo** Write a letter to a friend. Use as many spelling words in your letter as you can. Date:_____	**Words Within Words** Make a list of as many smaller words as you can find from your spelling list. Date:_____	**Code Breaker** Use the code guide to make a code for each of your spelling words. Date:_____

ISW

TeachStarter.com

NSW Department of Education

Some activities and ideas for home for parents of primary and early learners

- Make or do a jigsaw puzzle
- Try some origami
- Create an obstacle course
- Bake or cook something
- Learn a magic trick
- Paint or draw a picture
- Make a joke book
- Take photos of 10 living things
- Build a blanket fort
- Plan and hold a picnic
- Make your own kite
- Try a new board game
- Play indoor mini-golf
- Play Limbo
- Write a letter to your future self
- Potato sack race with pillow cases
- Hold a tea-party
- Make a time capsule
- Hold a Karaoke concert
- Play hide and seek
- Open a pretend store
- Blindfolded taste test
- Look at photo albums
- Have a paper plane contest
- Play Pictionary
- Play dress up
- Play Restaurant
- Try Yoga
- Make a shoebox diorama
- Learn a new card game
- Put on a play
- Make or play an instrument
- Create a treasure hunt
- Write or recite poem
- Have a talent show
- Make handmade presents
- Choreograph a dance
- Read a new book from the library
- Play water bottle bowling
- Play life-size Noughts and Crosses
- Build the tallest tower

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WOW WEEK ACTIVITIES

Write a song or rap about our school and perform it. You could write the words and record and upload it.	Do something kind as a surprise for someone in your family and watch them smile.	Talk about something that made you laugh today.	Choose a Peaceful Kids meditation https://www.peacefulkids.com.au/meditations1.html
Lie down, close your eyes and listen to your breath. Imagine you are somewhere amazing. What can you see, hear, feel and taste?	To end the week host a karaoke night with your family and sing your favourite songs together.	Cook your favourite meal with your family.	Using art materials of your choice, draw, paint or creat an artwork that would make a great mural on the back of our school hall.
Phone, Facetime, or write a letter to a friend. Tell them all your news. Ask them how they are.	Make a playlist of songs and have a family disco at home! Ensure everyone has the chance to choose their favourite songs.	Create a training video for your favourite sport. Teach us some of the skills associated with the sport of your choice. Maybe some drills or a modified game.	Create a workout or exercise video that will have everybody moving. You can add some music to it too.

1KM
RAA WORKOUT 6

Try this workout song 'One More Time' Daft Punk

Click each image for exercise technique instruction

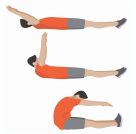
1

6 SQUATS

+

30 SEC REST

5 PILATES ROLL UPS



x2

2

10 JUMPING JACKS

+

30 SEC REST

15 SEC SKIPPING

x2

3

7 MOUNTAIN CLIMBERS

+

30 SEC REST

5 TRICEP DIPS

x2

4

15 SEC HIGH PLANK

+

30 SEC REST

7 LUNGES

x2

5

5 V SITS

+

15 SEC WARRIOR POSE

x2

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Race Around Australia is proudly brought to you by the School Sport Unit.

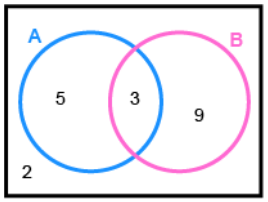
HOTsheet

Venn diagrams & probability

PROBABILITY FROM VENN DIAGRAMS

TASK 1 Two intersecting sets

P(A) means: 'What is the probability of randomly selecting an element that is found in set A'.



Write the following probabilities as **fractions**.

1 P(A) =

2 P(both A and B) =

3 P(A or B but not both) =

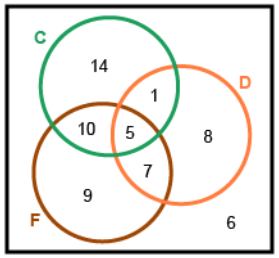
4 P(B but not A) =

5 P(at least A or B) =

6 P(neither A nor B) =

TASK 2 Three intersecting sets

The diagram shows the number of people who own a cat (set C), a dog (set D) and/or a fish (set F).



1 How many people are included in these results?

2 A person from this group is selected at random. Using **fractions**, determine the probability that the person:

a does not own a cat, dog or fish

b owns all three types of pets

c owns a cat

d only owns a cat

e owns at least two types of pets

f owns only one type of pet

g owns a dog and a fish but not a cat

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Unit 27

oo u book bush

List Words

hoodwink
ambushed
bullying
pulleys
bullocky
cuckoo
crookedly
rookery
whoosh
bushel
bulrush
fulsome
bulletin
bullion
courier
likelihood
fulfilment
unfulfilled
fulfilling
ebullient
woomera
babushka
pincushion
bushwhacker
misunderstood

1 **Colour** the graphemes that represent oo u in the List Words.

2 **Go** to the List Words for Unit 27. **Count** the sounds and identify all the graphemes in each List Word.

3 **Write** any other letters that can represent oo u on the Grapheme Chart. **Write** one word example for each.

Grapheme Chart

grapheme	word

4 **Colour** the rectangles containing words where you hear oo u.

foodhall	ambushed	balloonist	business	elaborate	unfulfilled	crockery
fulfilment	amused	bulletin	brushing	ebullient	approval	crookedly
fulsome	bushel	bamboo	bushwhacker	embarrass	bullocky	rookery
fulfilling	beautiful	bullion	butterflies	woomera	baboon	whoosh
future	likelihood	bruised	whooping	wonderful	babushka	wholesale

5 **Rewrite** these List Words adding the missing graphemes for oo u.

bshel _____ bllying _____ bllocky _____
rkery _____ blletin _____ likelihd _____
plleys _____ blrush _____ ambshed _____
bllion _____ crkedly _____ flfilment _____

6 **Rewrite** the digraphs that are missing in these List Words.

bu____el h____dwink babu____ka unfulfi____ed bu____yi____
bulru____ c____ri____ ____oo____ ambu____ ____ l__k__lih____d
w____mera bu____etin ebu____ient bu____o____y misund____st____d
cu____ ____ fulso____ fulfi____i____ pu____ ____s bu____ ____a____ ____

7 **Rewrite** these List Words that have their beginnings at the end.

yingbull _____ edlycrook _____
riercou _____ ientebull _____
etinbull _____ lihoodlike _____

8 **Study** the information in the green text. **Cross** out the incorrect word in each underlined verb. **Write** the full correct verb at the end of the sentence.

★ The words *should*, *could* and *would* are verbs and can be used with the helping verb *have*, for example *He could have come with us*. The word *of* is a preposition that introduces phrases, for example *She picked a bunch of roses. Of* is never a verb.

The experiment using pulleys and levers should of worked. _____ _____ _____
The penguins' rookery would of disappeared in the cyclone. _____ _____ _____
That whoosh of wind could of blown the courier off his bike. _____ _____ _____

 ISBN 978 1 74135 161 3

Challenge 27

oo u book bush

Books and Beyond

Decode the following oo u List Words and Extension Words using the letters that appear on a phone dial as shown. For each number you have three or four choices.

Phone Dial

1	2 A B C	3 D E F
4 G H I	5 J K L	6 M N O
7 P Q R S	8 T U V	9 W X Y Z

SOUND WAVES 6
List Words page 58
Extension Words page 89

Jumbled **List Words**

_ _ _ _ _ _ _ _
2 2 2 2 4 5 7 8

_ _ _ _ _ _ _ _
2 2 3 3 4 6 7 8

_ _ _ _ _ _ _ _
3 4 4 5 6 6 6 9

_ _ _ _ _ _ _ _
2 3 4 5 5 6 8 8

_ _ _ _ _ _ _ _ _ _
3 3 3 4 5 5 6 6 8 8

_ _ _ _ _ _ _ _ _ _
3 3 4 4 4 5 5 5 6 6

Unjumbled **List Words**

_____
_____
_____
_____
_____
_____

Jumbled **Extension Words**

_ _ _ _ _ _ _ _ _
2 3 3 3 4 5 6 6 7

_ _ _ _ _ _ _ _ _
2 3 3 4 5 6 6 8 8

_ _ _ _ _ _ _ _ _
2 5 6 6 6 7 7 8 9

_ _ _ _ _ _ _ _ _
2 2 4 4 5 6 8 8 9

_ _ _ _ _ _ _ _ _
3 4 6 6 6 7 7 7 8

Unjumbled **Extension Words**

_____
_____
_____
_____
_____

 Sound Waves 6 Super Challenge BLMs © Barbara Murray 2011 Firefly Education ISBN 978 1 74135 167 5

A Bit of a Dicey Problem

Age 7 to 11
Challenge Level

Look at these two dice. If you add together the numbers of dots on them, the total is 2.
When you roll two ordinary six-faced dice like these and add together the two numbers, what results could you get?

Do you have more chance of getting one answer than any other?

If so, what is that answer? And why?

What if you use a dice with 10 numbers on, like these?

What answers could you get now?
Do you have more chance of getting one answer than any other?
If so, what is that answer? And why?

Now try with more dice or a mixture of dice. What do you notice now?

Registered School: Hurstville Public School (HURSTVILLE NSW)

APSMO

2021 : DIVISION J
WEDNESDAY 28 JULY 2021

OLYMPIAD 4

Total Time Allowed: ***30 Minutes***

Write your answers in the boxes on the back.

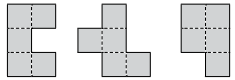
←

Keep your answers hidden by folding backwards on this line.

4A. Four students are playing a multi-level video game.
Leo is playing the first level in the game.
Ralph is six levels above Leo.
Mike is two levels below Ralph.
Don, who is playing the last level of the game, is five levels above Mike.
How many levels does the game have?

4B. The set of digits {1, 3, 7} is being used to make different 3-digit numbers.
Each of the three digits can only be used once in the 3-digit number.
For example, the number 113 cannot be made because the digit 1 has been used twice.
What is the sum of all the possible 3-digit numbers that can formed?

4C. Quintin is using the three different shaped tiles shown to tile his kitchen floor.



Each tile is composed of 5 identical squares and has an area of 2000 square centimetres.
The floor is a rectangle 10 metres long and 6 metres wide.
What is the smallest number of tiles Quintin will need in order to tile his floor?

4D. Jenna has ten 5c coins, ten 10c coins and ten 20c coins.
She chooses three of these coins and adds them together to find the total amount.
How many different total amounts could she get?

4E. Six years ago, Alan's age was 4 times Bernard's age.
Two years ago, Alan's age was 3 times Bernard's age.
How many years from now will Alan's age be 2 times Bernard's age?

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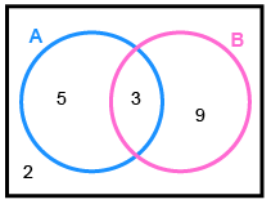

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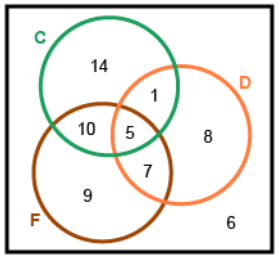

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g owns a dog and a fish but not a cat

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PROBABILITIES FROM TWO-WAY TABLES

The two-way table shows the numbers of books in a home library with certain characteristics.

Books in a home library

	Fiction	Non-fiction	Totals
Hardcover	23	55	78
Paperback	71	18	89
Totals	94	73	167

Write each of the following probabilities as a fraction.

1 If a book is selected at random **from the library**, what is the probability that it is:

a a hardcover?	**b** a paperback?
c fiction?	**d** non-fiction?
e fiction and paperback?	**f** non-fiction and paperback?
g fiction and hardcover?	**h** neither fiction nor hardcover?
i either fiction or paperback?	**j** either non-fiction or paperback?

2 **Challenge**: If you have a hardcover book in your hand, what is the probability that it is fiction?

3 **Challenge:** If you have a fiction book in your hand, what is the probability that it is hardcover?

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WORKING WITH TWO-WAY TABLES

TASK 1 Read a two-way table

Books in a home library

	Fiction	Non-fiction	Totals
Hardcover	23	55	78
Paperback	71	18	89
Totals	94	73	167

1 How many hardcover books are non-fiction? _____

2 How many fiction paperbacks are in the library? _____

3 How many fiction books are in the library? _____

4 How many hardcover books are in the library? _____

5 How many books are in the library altogether? _____

TASK 2 Complete the two-way tables

Use the given information to complete each two-way table.

1

	A	Not A	Totals
B	7	12	
Not B	9	5	
Totals			

2

	A	Not A	Totals
B	46		
Not B		27	91
Totals			152

TASK 3 Conduct a survey

Conduct a survey where the results can be recorded in a two-way table. Your survey should consider two traits or conditions, for example:

- brown hair (yes or no) – blue eyes (yes or no)
- likes chocolate (yes or no) – likes ice-cream (yes or no)
- catches a bus to school (yes or no) – lives more than 3 km from school (yes or no)
- male or female – owns a bicycle (yes or no)

For each person surveyed, place a tally mark in only **ONE** box in your table. Complete the totals for the table and write at least four questions that can be answered from the table.

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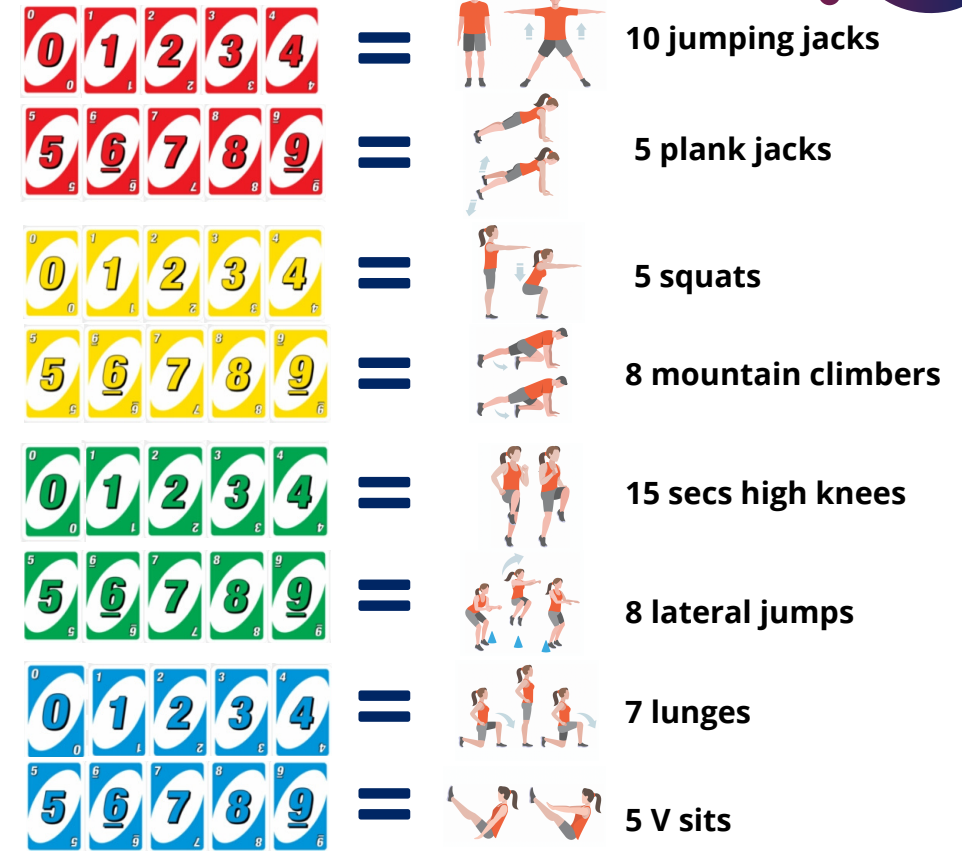
The RAA UNO workout

Deck 1

Click each image for exercise technique instruction



Draw 2 cards at a time and complete the exercises.
Each completed card = 50m!

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