

# Framework for Learning from Home – Year 4 Term 3 Week 3 2021

## Education Week 26-30 July 2021 Theme: Lifelong Learners

For some of the activities below you may need your parents help. Show each completed activity to your parents to check and upload to Seesaw if required.

	Monday 26 July	Tuesday 27 July	Wednesday 28 July	Thursday 29 July	Friday 30 July
<b>Session 1</b>	<b>English</b>  <b>Listening to BTN to the story COVID 19</b> <a href="http://www.abc.net.au/btn/classroom/20210720-ep19-btn/13445102">www.abc.net.au/btn/classroom/20210720-ep19-btn/13445102</a> <b>Answer these questions.</b> <ol style="list-style-type: none"> <li>How do you feel about being in lockdown? Explain why? I feel .... I feel like this because ...</li> <li>How do the children in the BTN story keep busy when NOT doing home learning? The children ...</li> <li>How do YOU keep busy when NOT</li> </ol>	<b>English</b>  <b>Reading:</b> Read two chapters of a book. Write the name of the book and the author. After reading the chapters, retell them to a family member using the time connectives for example: <i>First, Next, After that, Finally.</i>  List down or write a short paragraph about how these chapters relate to something in your life.  <b>Upload to Seesaw.</b>  <b>Spelling:</b>	<b>English</b>  <b>Reading Comprehension:</b> Read the persuasive text and answer the questions. <ol style="list-style-type: none"> <li>What is the topic of this text? The topic of this text is ...</li> <li>Is the writer FOR or AGAINST this topic? The author is .....</li> <li>List 3 reasons that support the writer's argument that <i>children should not watch television.</i></li> <li>What <b>connectives</b> has the writer used to <b>sequence</b> the text?</li> <li>What <b>emotive words</b> or phrases does the writer use <b>to persuade</b></li> </ol>	<b>English</b>  <b>Reading:</b> Log onto in2era online <a href="http://www.in2era.com.au">www.in2era.com.au</a>  username: hurstville password: hurstville Choose a book to read. Choose a <b>Picture Book</b> . Write the name of the book and the author.  <b>Upload to Seesaw.</b>  <b>Spelling:</b> <b>Sound Waves Online and access Unit 21:</b> <a href="http://www.soundwaveskids.com.au">www.soundwaveskids.com.au</a> Use your list words for Sound Waves Unit 21 and	<b>English</b>  <b>Listening to BTN – Tokyo Olympics start at 3 min and 35 sec:</b>  Listen to the story about the Tokyo Olympics – start at 3min 35 sec Answer the questions. <a href="http://www.abc.net.au/btn/classroom/20210720-ep19-btn/13445102">www.abc.net.au/btn/classroom/20210720-ep19-btn/13445102</a> <ol style="list-style-type: none"> <li>Why are the games called the 2020 Tokyo Olympics not the 2021 Tokyo Olympics? The games ....</li> <li>How many athletes are participating in the Tokyo Olympics? There are ...</li> </ol>

	Monday 26 July	Tuesday 27 July	Wednesday 28 July	Thursday 29 July	Friday 30 July
	<p>doing home learning? I keep busy by ...</p> <ol style="list-style-type: none"> <li>What other states were or are in lockdown?</li> <li>Complete the following sentence. The government is encouraging people to get _____</li> </ol> <p><b>Upload to Seesaw</b></p> <p><b>Spelling:</b> <b>Sound Waves Online and access Unit 21:</b> <a href="http://www.soundwaveskids.com.au">www.soundwaveskids.com.au</a></p> <p>Password: stir680</p> <ul style="list-style-type: none"> <li>Copy spelling words into your book</li> <li>Create a new column to record your spelling words again. This time remember to look, cover and then write each word.</li> <li>Check to make</li> </ul>	<p><b>Sound Waves Online and access Unit 21:</b> <a href="http://www.soundwaveskids.com.au">www.soundwaveskids.com.au</a></p> <p>Complete page 1 of Unit 21. (page attached)</p> <p><b>Upload to Seesaw.</b></p> <p><b>Optional</b> Choose one of the games on Sound Waves to practise your spelling words.</p> <p><b>Language (Grammar):</b> Complete the language activity about special words that are used in persuasive writing.</p> <p>On the worksheet, categorise the words/phrases which are at the bottom into the three columns. Look at the examples to help you start the activity.</p> <p>Headings.</p> <ol style="list-style-type: none"> <li>Opinion words</li> <li>Sequence words</li> </ol>	<p>the reader?</p> <ol style="list-style-type: none"> <li>Study the structure of the whole text and the structure of EACH paragraph.</li> </ol> <p><b>Upload to Seesaw.</b></p> <p><b>Writing:</b> Planning a persuasive text (exposition).</p> <p>Before we write, we must PLAN.</p> <p><b>TOPIC:</b> <i>Children SHOULD watch television!</i></p> <p>Use the planning sheet, plan your ideas using the bullet points.</p> <ol style="list-style-type: none"> <li>Introduction</li> <li>Three reasons</li> <li>Conclusion</li> </ol> <p>When you plan, think about why children SHOULD watch television in-order-to convince their parents.</p> <p><b>Upload to Seesaw.</b></p> <p><b>Spelling:</b></p>	<p>write one synonym and one antonym for 6 of your spelling words. Remember a synonym is a word that has a similar meaning. An antonym is an opposite meaning. Write on paper or in a book and take a photo.</p> <p><b>Upload to Seesaw.</b></p> <p><b>Optional</b> Choose one of the games on Sound Waves to practise your spelling words.</p> <p><b>Writing:</b></p> <p><b>TOPIC:</b> <i>Children SHOULD watch television!</i></p> <p>Use your planning sheet from Wednesday.</p> <p>Write TWO PARAGRAPHS ONLY on the topic:</p> <p><i>Children SHOULD watch television!</i></p> <p>Paragraph 1: The introduction with a Sizzling Start</p>	<ol style="list-style-type: none"> <li>How many different countries are participating in the Tokyo Olympics? There are ...</li> <li>What did a lot of Aussie athletes have to do before going to Tokyo? The Aussie ....</li> <li>No fans will be allowed in stadiums. True or false?</li> <li>What questions do you have about this story?</li> </ol> <p><b>Upload to Seesaw.</b></p> <p><b>Fun Activity:</b> Olympics Find a Word attached.</p> <p><b>Upload to Seesaw.</b></p>

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	<p>sure you have spelt your words correctly.</p> <ul style="list-style-type: none"> <li>Choose one of the games on Sound Waves to practise your spelling words.</li> </ul> <p>Upload to Seesaw.</p>	<p>(connectives) 3. Modal adverbs</p> <p>Use the answer sheet to check your answers.</p> <p>Upload to Seesaw.</p>	<p><b>Sound Waves Online and access Unit 21:</b> <a href="http://www.soundwaveskids.com.au">www.soundwaveskids.com.au</a> Complete page 2 of Unit 21. (page attached) Upload to Seesaw.</p> <p><b>Optional</b> Choose one of the games on Sound Waves to practise your spelling words.</p>	<p>Paragraph 2: Include a topic sentence, a reason and examples or evidence)</p> <p>Make sure your sentences make sense, your punctuation and spelling is correct.</p> <p>Write two paragraphs on paper or in your book. Upload to Seesaw.</p>	
<b>Break</b>	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
<b>Session 2</b>	<p><b>Mathematics: Adding and Subtracting Money</b> Watch the following YouTube video: <a href="https://www.youtube.com/watch?v=iJXLYCxa3um/watch?v=iJXLYCxa3um&amp;ab_channel=Turtledia ry">https://www.youtube.com/watch?v=iJXLYCxa3um/watch?v=iJXLYCxa3um&amp;ab_channel=Turtledia ry</a></p> <p>Complete the worksheet 'Adding and Subtracting Money (1)' that is attached to this framework. Make sure you show all of your working out!</p>	<p><b>Mathematics: Purchases and Giving Change</b> Click on the following link to play Toy Shop Money Game: <a href="https://www.topmarks.co.uk/money/toy-shop-money/aud">https://www.topmarks.co.uk/money/toy-shop-money/aud</a></p> <p>Click on 'mixed coins' option and solve the problems.</p> <p>Complete the iMaths 'Purchases and Giving</p>	<p><b>Mathematics: Simple Budgets</b> Today we will be looking at budgets.</p> <p>Read the information about income, expenses and profit on the iMaths worksheet at the end of this framework.</p> <p>Complete the activities on the worksheet and upload to seesaw.</p> <p><b>Optional:</b></p>	<p><b>Mathematics: Mass</b> Watch the following video on mass: <a href="https://www.youtube.com/watch?v=bPwCNT26R_g">https://www.youtube.com/watch?v=bPwCNT26R_g</a></p> <p>After watching the video, write a simple definition to explain your understanding of mass and upload to seesaw.</p> <p>Choose 5 household objects and estimate their mass. Draw and label each</p>	<p><b>Mathematics: Mass</b></p> <p>Replay this game to practise converting masses: <a href="https://www.tinytap.com/activities/g2352/play/kilograms-and-grams">https://www.tinytap.com/activities/g2352/play/kilograms-and-grams</a></p> <p>Complete the iMaths worksheet 'Measuring Mass' and upload to Seesaw.</p> <p>Log on to iMaths and choose any game of your choice to play.</p>

	Monday 26 July	Tuesday 27 July	Wednesday 28 July	Thursday 29 July	Friday 30 July
	<p>Upload your work to Seesaw.</p> <p><b>Extension:</b> Complete the second worksheet 'Adding and Subtracting Money (2)'.</p> <p><b>Optional:</b> <b>iMaths4:</b> How to login: <a href="http://www.imathskids.com.au">www.imathskids.com.au</a></p> <p>Access code: your805</p> <p>To practise your addition and subtraction skills click on 'Games'. Under 'Gridlock', choose the following games to play: 1: Addition to 40 2: Subtraction to 20</p>	<p>Change' worksheets attached to this framework.</p> <p><b>Optional:</b> <b>iMaths4:</b> How to login: <a href="http://www.imathskids.com.au">www.imathskids.com.au</a></p> <p>Access code: your805</p> <p>To practise your addition skills click on 'Games'. Under 'Number Charge', choose the following game to play: 1: Addition to 50</p>	<p><b>iMaths4:</b> How to login: <a href="http://www.imathskids.com.au">www.imathskids.com.au</a></p> <p>Access code: your805 To practise your subtraction skills, click on 'Games'. Under 'Number Charge', choose the following game to play: 2: Subtraction to 20 (Regrouping)</p>	<p>object and order them from lightest to heaviest. Make sure you choose a variety of objects with different masses. Upload your work to Seesaw. Play the following mass games online: <a href="https://www.ictgames.com/mobilePage/mostlyPositive/index.html">https://www.ictgames.com/mobilePage/mostlyPositive/index.html</a></p> <p><b>Optional:</b> Now play this game to practise converting masses: <a href="https://www.tinytap.com/activities/g2352/play/kilograms-and-grams">https://www.tinytap.com/activities/g2352/play/kilograms-and-grams</a></p>	
<b>Break</b>	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
<b>Session 3</b>	<p><b>Languages:</b> Please complete the language activity assigned by your language teacher.</p> <p><b>Upload to Seesaw</b></p>	<p><b>Science:</b> <b>Changes of State</b> Look at the image of the icy grotto attached to this framework. Imagine you are using your senses and</p>	<p><b>History:</b> <b>The Age of Discovery: Captain Cook</b> Beginning in the 1400s, the Age of Discovery was an exciting time for Europe. Many kings and queens sent</p>	<p><b>Creative Arts: Drama</b> Play a <b>mime</b> game with your family. Each member acts out an everyday activity or chore and others try to guess the activity.</p>	<p><b>PD/H/PE:</b> 1. Do the Waka Waka – Just Dance Click the link: <a href="https://www.youtube.com/watch?v=JGEM4j9Rw28">Just Dance 2018 - Waka Waka (Football Version)   5 Stars - YouTube</a></p>

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		<p>describe what you see, feel and hear. Write a short paragraph to describe what you see, feel and hear. Use the suggested vocabulary under the image and make sure your punctuation is correct.</p> <p>Watch the following video:  <a href="https://www.youtube.com/watch?v=OiaNKqCUUBk&amp;ab_channel=NationalGeographic">https://www.youtube.com/watch?v=OiaNKqCUUBk&amp;ab_channel=NationalGeographic</a></p> <p>After watching the video, answer the following questions in complete sentences and upload your work to Seesaw:</p> <ol style="list-style-type: none"> <li>1. What did you see in the video? In the video I saw .....</li> <li>2. What do you think was happening? What I thought was happening was .....</li> </ol>	<p>explorers sailing to find new trading routes, conquer new lands, or bring back gold. Many times the explorers got lost, and found something unexpected.</p> <p>Play the video and listen to some of the secret instructions given to Captain James Cook for his 1768 southern voyage. Officially he was on a scientific trip, but there were other secret reasons for the journey.  <a href="https://www.inquisitive.com/video/87-cook-s-secret-instructions">https://www.inquisitive.com/video/87-cook-s-secret-instructions</a></p> <p>Can you find at least three of those secret reasons? List them on paper or in a book and take a photo.  <b>Upload to Seesaw.</b></p>	<p>Can you do it in different ways? Can you do the mime in a way that is funny, fast or silly? Have fun with your family. Take a photo of someone in your family miming an activity.</p> <p><b>Upload to Seesaw (with their permission of course!).</b></p>	<p>2. Make up a dance to your favourite song to perform to your family. 3. Design a healthy menu for a day at home. Present the menu to your family in a creative way.</p> <p><b>Upload to Seesaw.</b></p>

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		<p>3. What did the video make you wonder? The video made me wonder .....</p> <p>Complete the Changes of State worksheet. <a href="#">Upload to Seesaw.</a></p>			

# Unit 21



ar a star glass

## List Words

part \_\_\_\_\_  
mark \_\_\_\_\_  
card \_\_\_\_\_  
yard \_\_\_\_\_  
sharp \_\_\_\_\_  
after \_\_\_\_\_  
can't \_\_\_\_\_  
half \_\_\_\_\_  
calf \_\_\_\_\_  
bath \_\_\_\_\_  
path \_\_\_\_\_  
glass \_\_\_\_\_  
grass \_\_\_\_\_  
pass \_\_\_\_\_  
past \_\_\_\_\_  
passed \_\_\_\_\_  
basket \_\_\_\_\_  
banana \_\_\_\_\_  
calm \_\_\_\_\_  
aunty \_\_\_\_\_  
heart \_\_\_\_\_  
laugh \_\_\_\_\_  
particle \_\_\_\_\_  
disaster \_\_\_\_\_  
argument \_\_\_\_\_

1 Circle the letters that represent ar a in the List Words.

2 Write any other letters that can represent ar a on the Grapheme Chart.  
Write one word example for each.

3 Write one stroke for every sound in each List Word.

4 Colour the letter a if it represents ar a in the word.



Father ate a banana and an apple while Grandad put a potato and a tomato in the basket.



5 Finish the word in each sentence by selecting the correct ending.

He is in the y_____.	(ard, ark)	I made a m_____.	(art, ark)
The knife is sh_____.	(arp, alm)	I ate one h_____.	(arp, alf)
Here is the c_____.	(arn, alf)	I lost one p_____.	(art, alf)
Here is your c_____.	(arm, ard)	Stay on the p_____.	(ath, ard)
Where is my gl_____?	(ast, ass)	He had a b_____.	(arm, ath)
We went p_____ you.	(ass, ast)	Did you p_____ me?	(ast, ass)
I feel very c_____.	(alf, alm)	I drew a h_____.	(eart, alm)
I sat on the gr_____.	(arp, ass)	I made a r_____.	(aft, ark)

6 Finish the words with ar, a, au or ear to represent ar a. Write some of your words to match the clues.

l\_\_\_\_\_gh sh\_\_\_\_\_p c\_\_\_\_\_n't \_\_\_\_\_nty b\_\_\_\_\_sket p\_\_\_\_\_ticle  
\_\_\_\_\_gue h\_\_\_\_\_t p\_\_\_\_\_st \_\_\_\_\_fter dis\_\_\_\_\_ster \_\_\_\_\_gument

Find antonyms for these words.

cry \_\_\_\_\_  
future \_\_\_\_\_  
can \_\_\_\_\_  
before \_\_\_\_\_

Find words that rhyme with these words.

part \_\_\_\_\_  
calf \_\_\_\_\_  
article \_\_\_\_\_  
plaster \_\_\_\_\_

## Grapheme Chart

letters	words



### Adding and Subtracting Money (1)

$$\begin{array}{r} 1) \quad \$9.56 \\ - \$0.60 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \$8.73 \\ + \$0.16 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \$6.23 \\ - \$3.69 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \$6.61 \\ + \$2.21 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad \$3.89 \\ - \$3.67 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad \$6.48 \\ + \$3.21 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad \$4.55 \\ + \$0.23 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \$9.32 \\ - \$9.09 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad \$7.07 \\ - \$3.88 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad \$5.00 \\ + \$3.55 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad \$6.04 \\ + \$2.52 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \$7.24 \\ - \$5.69 \\ \hline \end{array}$$

$$\begin{array}{r} 13) \quad \$7.86 \\ - \$5.01 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad \$9.27 \\ + \$0.71 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad \$8.33 \\ - \$1.72 \\ \hline \end{array}$$

### Adding and Subtracting Money (2)

$$\begin{array}{r} 1) \quad \$34.63 \\ - \$6.06 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \$16.43 \\ + \$8.09 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \$74.08 \\ + \$7.39 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \$45.41 \\ - \$28.75 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad \$69.05 \\ + \$9.97 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad \$48.26 \\ - \$10.94 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad \$61.05 \\ - \$43.95 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad \$52.13 \\ + \$13.87 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad \$71.45 \\ - \$52.19 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad \$66.29 \\ - \$30.14 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad \$57.34 \\ + \$23.41 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad \$59.20 \\ + \$2.00 \\ \hline \end{array}$$

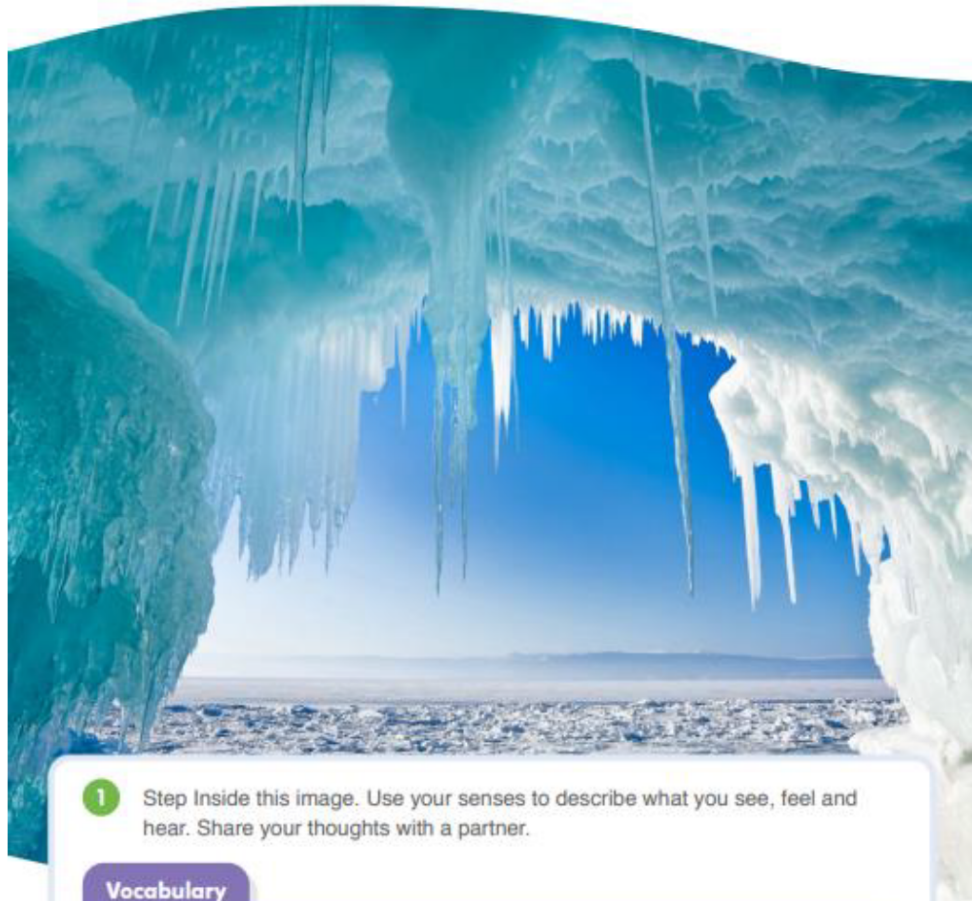
$$\begin{array}{r} 13) \quad \$68.64 \\ - \$45.68 \\ \hline \end{array}$$

$$\begin{array}{r} 14) \quad \$13.15 \\ + \$84.33 \\ \hline \end{array}$$

$$\begin{array}{r} 15) \quad \$72.74 \\ - \$51.11 \\ \hline \end{array}$$



# What is the power of cold?



- 1 Step Inside this image. Use your senses to describe what you see, feel and hear. Share your thoughts with a partner.

## Vocabulary

freeze   solid   liquid   predict   observe   explain  
column graph

In the video, the very cold air removed the heat from the boiling water. This changed the water (a liquid) to snow (a solid).

- 4 Draw the place in your house where you would turn a liquid into a solid.

Draw and label two liquids that you would put in this place.

- 5 Does freezing liquids at home take longer or shorter than it took in the video? Explain why.

## 7 Complete.

✚ We often change **f** or **fe** on the end of a word to **ve** and add **s**, for example *loaf* to *loaves*, *leaf* to *leaves*.



one half   two \_\_\_\_\_   one calf   two \_\_\_\_\_   one scarf   two \_\_\_\_\_

## 8 Write the words *pass*, *past*, *passed*, *path* and *particle* in alphabetical order. Finish the sentences with these words.

★ The words *pass* and *passed* are regular verbs.

1. \_\_\_\_\_ My aunty laughed as she walked \_\_\_\_\_ us.
2. \_\_\_\_\_ We \_\_\_\_\_ a calf on the path.
3. \_\_\_\_\_ Did we \_\_\_\_\_ you on the grass?
4. \_\_\_\_\_ There was not one \_\_\_\_\_ of dust on the glass.
5. \_\_\_\_\_ We heard an argument along the \_\_\_\_\_.

## 9 Count the sounds in these words. Write the letter or letters for each sound in a separate box. Solve the riddle by writing the letters from the shaded boxes in the boxes with matching numbers.

sharp	7	4			basket		2				
aunty			3		banana	1					
after		5			disaster	6					

Which star is never seen in the night sky?

1	2	3	4	5	6	7
---	---	---	---	---	---	---



## Challenge

Add the letter to the word to make a List Word, for example **fat** + **s** = *fast*.

pat + r = \_\_\_\_\_   lass + g = \_\_\_\_\_   ark + m = \_\_\_\_\_  
bat + h = \_\_\_\_\_   car + d = \_\_\_\_\_   harp + s = \_\_\_\_\_  
pat + h = \_\_\_\_\_   heat + r = \_\_\_\_\_   pat + s = \_\_\_\_\_

Add the letter to the word to make an **or a** word.

had + r = \_\_\_\_\_   cat + s = \_\_\_\_\_   bar + k = \_\_\_\_\_  
mat + s = \_\_\_\_\_   harm + c = \_\_\_\_\_   rat + f = \_\_\_\_\_  
past + a = \_\_\_\_\_   raft + c = \_\_\_\_\_   gasp + r = \_\_\_\_\_  
last + b = \_\_\_\_\_   arch + m = \_\_\_\_\_   hash + r = \_\_\_\_\_



## NA32 Purchases and giving change

Australian currency involves place value to hundredths, so operations with money use the same rules and patterns as operations to hundredths. Here are the written methods for addition and subtraction.

### + Addition

Keep those decimal points lined up!  
This keeps the digits in their correct columns.

$$\begin{array}{r} \$54.70 \\ 21.35 \\ + 3.50 \\ \hline \$79.55 \end{array}$$

### - Subtraction

Lining up decimal points is important here too. Remember to regroup when necessary.

$$\begin{array}{r} \$59.25 \\ - 17.70 \\ \hline \$41.55 \end{array}$$



### Try this

1  $\$50.70 + \$13.05$

2  $\$28.50 + \$1.65 + \$0.80$

3  $\$94.20 - \$50.50$

4  $\$63.20 - \$17.25$

5 Refer to Tum-Tums Restaurant Menu to work out the total bill for each customer.

a Chloe  
Soup of the day  
Gourmet pizza  
Mango madness  
Coffee

b Emma  
Caesar salad  
Vegetarian lasagne  
Tea

c Alex  
Seafood platter  
Cheesecake  
Soft drink

d Thomas  
Nachos  
Rib fillet  
Chocolate mudslide  
Hot chocolate

6 Calculate the difference in the cost of these menu items.

a Gourmet pizza and vegetarian lasagne

b Beef 'n' barra and rib fillet

c Caesar salad and nachos

d Seafood platter and gourmet pizza

e Hot chocolate and coffee

f Mango madness and cheesecake

## Tum-Tums Restaurant

### MENU

#### Entrees

Soup of the day .....\$8.80  
Nachos .....\$6.90  
Caesar salad .....\$7.15

#### Mains

Gourmet pizza .....\$20.90  
Vegetarian lasagne .....\$14.45  
Beef 'n' barra .....\$32.60  
Rib fillet .....\$25.25  
Seafood platter .....\$50.30

#### Desserts

Chocolate mudslide .....\$11.20  
Cheesecake .....\$9.90  
Mango madness .....\$10.15

#### Drinks

Soft drinks .....\$3.00  
Tea .....\$3.60  
Coffee .....\$3.60  
Hot chocolate .....\$4.25



### Problem solving task

**How much change?** Use the take away menu to calculate the cost of these orders.

- a What is the change from \$15.00 for a hamburger, a hot dog and hot chips?
- b What is the change from \$15.00 for hot chips and two salad wraps?
- c What is the change from \$20.00 for a hamburger and a salad wrap?

Use the space provided in iMaths 4 Tracker Book to work out your answers.



### Challenge

**Tendering correct amounts:** For each of the orders from the problem solving task above, which notes and coins would you tender if you were to pay with the exact amount?

### Take away menu

Hamburger \$5.65

Hot dog \$4.20

Salad wrap \$5.95

Hot chips \$2.50



## NA31 Simple budgets



**Income** is an amount of money received. **Expenses** are amounts of money spent. A **budget** is used to compare income and expenses, to show past spending or to plan future spending.

### Shopping list

- 2 bottles of cordial at \$3 each
- 2 packets of 50 plastic cups at \$4 per pack



A class Frozie Cup stall is being planned. The stall will sell 100 Frozie Cups at 50c each.

To work out the **income**, multiply the price being charged for each frozie cup by the number sold.

To work out the **expenses**, multiply the cost of each item bought for the stall by the number bought.

### Try this

- 1 Complete this simple budget showing the income and expenses for the class Frozie Cup stall.

Frozie Cup stall					
Income:	50c	x	100	=	
Expenses:	\$3	x	2	=	
	\$4	x	2	=	
Total expenses =					

- 2 The Happy Valley Pony Club is organising a car wash to raise money for the club. They will be charging \$5 for each car washed, and \$2 extra for a chamois dry.

- a 50 cars were washed and 40 of these were chamois dried. How much money did the club receive?

- b What was the cost of the buckets, sponges, bottles of car wash and chamois?

### Shopping list

- 5 x 10 L buckets at \$1 each
- 10 sponges at \$3 each
- 3 bottles of car wash at \$2 each
- 5 chamois for drying at \$3 each

- 3 Complete the simple budget on the right showing the income and expenses for the Happy Valley Pony Club car wash.



### Happy Valley Pony Club car wash

Income:		x		=	
		x		=	
Total income =					
Expenses:		x		=	
		x		=	
		x		=	
		x		=	
Total expenses =					

### Challenge

**Making a profit:** The profit from the car wash above can be calculated by subtracting the expenses from the income. What was the profit from the car wash?



## MG5 Measuring mass

- 1 Match the mass on the left-hand side with its correct equivalent on the right-hand side.  
The first one is done for you.

2 kilograms	500 grams
50 000 grams	2000 grams
100 grams	5 kilograms
1000 grams	20 kilograms
$\frac{1}{2}$ kilogram	50 kilograms
5000 grams	$\frac{1}{10}$ kilogram
20 000 grams	1 kilogram

*Note: An arrow points from '2 kilograms' to '2000 grams'.*

- 2 A large jar has a mass of 400 g. It was half filled with strawberry jam. The jar now has a mass of 600 g.

a What mass of strawberry jam is in the jar?

b The jar is now fully filled with strawberry jam.  
What will be the mass of the jar and strawberry jam?

c Some strawberry jam was taken out of the jar to serve with hot scones.  
The jar and the remaining strawberry jam now had a mass of 650 g.  
How much strawberry jam was taken out of the jar?



- 3 Ben has a mass of 45 kg. Bella has a mass of 38 kg. Charlie's mass is 42 000 g. Sami is 10 kg lighter than Ben and 5 kg heavier than Jodi. Asif worked out that his mass is the same as half of Charlie's mass and half of Bella's mass added together. Place the students in order from heaviest to lightest. (show your working.)



## Persuasive Language Sorting Activity

Opinion words	Sequence Words	Modality Words - adverbs
<b>Opinion</b> words and phrases let the reader know your point of view.	<b>Sequence</b> words and phrases are used to begin each argument.	<b>High modality</b> words and phrases help to convince the reader.
<b>1. My point of view is ...</b> <b>2. I am sure that...</b> 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____	<b>1. Firstly</b> <b>2. Secondly</b> 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____	_____ly <b>1. totally</b> <b>2. obviously</b> 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____
<b>My point of view is / Firstly /Secondly / totally / I am sure that / obviously / To begin with / I personally think /</b> <b>My opinion is / Furthermore / firmly / Thirdly / strongly / I believe that / It is clear that/certainly / unquestionably</b> <b>/In addition / I think that / absolutely / Again / I am sure / I personally believe / Another reason /Additionally /</b> <b>definitely / The next reason /clearly / It is obvious that / undoubtedly / It is my opinion that / surely / Finally</b>		

## Persuasive Language Sorting Activity – Answer Sheet

Opinion words	Sequence Words	Modality Words - adverbs
<b>Opinion</b> words and phrases let the reader know your point of view.	<b>Sequence</b> words and phrases are used to begin each argument.	<b>High modality</b> words and phrases help to convince the reader.
1. My point of view is ... 2. I am sure that... 3. I personally think 4. My opinion is 5. I believe that 6. It is clear that 7. I think that 8. I am sure 9. I personally believe 10. It is obvious that 11. It is my opinion that	1. Firstly 2. Secondly 3. To begin with 4. Furthermore 5. Thirdly 6. In addition 7. Again 8. Another reason 9. Additionally 10. The next reason 11. Finally	1. totally 2. obviously 3. firmly 4. strongly 5. certainly 6. unquestionably 7. absolutely 8. definitely 9. clearly 10. undoubtedly 11. surely
My point of view is / Firstly/Secondly / totally / I am sure that / obviously / To begin with / I personally think/ My opinion is / Furthermore / firmly / Thirdly / strongly / I believe that / It is clear that / certainly / unquestionably/ In <u>addition</u> / I think that / absolutely / Again / I am sure / I personally believe /Another reason /Additionally /definitely / The next reason / clearly / It is obvious that / undoubtedly / It is my opinion that / surely / Finally		

		<b>Children should stop watching television!</b>
P1	Statement of position	I strongly believe that watching television is bad for children.
	Gives 3 reasons	It is not <u>educational</u> , it creates laziness and increases bad <u>behaviour</u> .
P2	Topic sentence	<b>Firstly</b> , it is not educational because television involves watching, not thinking.
	Reason	When children are not thinking, they are not using their imagination, which is tragic!
	Example	A lack of thinking and imagination can affect a child's <u>school work</u> .
P3	Topic sentence	<b>Secondly</b> , excessive television watching increases laziness.
	Reason	When watching television, students are sitting for long periods of time.
	Example	Sitting still for a long time can create bad habits like not wanting to play outside which in turn can affect a child's health, <u>weight</u> and friendships.
P4	Topic sentence	<b>Finally</b> , there are countless shows on television that are not appropriate for children to watch.
	Reason	These often show things such as swearing, being mean, bad manners and fighting.
	Example	If children watch shows that have things in them, <u>it's</u> possible they will think these <u>behaviours</u> are okay in real life.
P5	Repeats the writer's position	In conclusion, <u>it's</u> obvious that children watch too much television and should be stopped.
	Repeat 3 reasons.	This is because children's education, physical fitness and <u>behaviour</u> are at risk.
	Strong final sentence.	Make yourself smarter, fitter and better behaved TODAY by not watching television!

Topic	<b>Children should stop watching television!</b>
Statement of position	<b>I strongly believe</b> that watching television is bad for children. It is not <u>educational</u> , it creates laziness and increases bad <u>behaviour</u> .
Topic sentence → 1 <sup>st</sup> Reason	<b>Firstly</b> , it is not educational because television involves watching, not thinking. When children are not thinking, they are not using their imagination, which is tragic! A lack of thinking and imagination can affect a child's <u>school work</u> .
Topic sentence → 2 <sup>nd</sup> Reason	<b>Secondly</b> , excessive television watching increases laziness. When watching television, students are sitting for long periods of time. Sitting still for a long time can create bad habits like not wanting to play outside which in turn can affect a child's health, <u>weight</u> and friendships.
Topic sentence → 3 <sup>rd</sup> Reason	<b>Finally</b> , there are countless shows on television that are not appropriate for children to watch. These often show things such as swearing, being mean, bad manners and fighting. If children watch shows that have things in them, <u>it's</u> possible they will think these <u>behaviours</u> are okay in real life.
Conclusion Repeat your position	<b>In conclusion</b> , <u>it's</u> obvious that children watch too much television and should be stopped. This is because children's education, physical fitness and <u>behaviour</u> are at risk. Make yourself smarter, fitter and better behaved TODAY by not watching television!



## Persuasive Writing Plan

Title: **Children should watch television!**

Introduction:

- ..
- ..

First reason and example/s:

- ..
- ..
- ..

Second reason and example/s:

- ..
- ..
- ..

Third reason and example/s:

- ..
- ..
- ..

Conclusion:

- ..
- ..
- ..

Persuasive Language Ideas

## WORD SEARCH

# OLYMPICS

C	H	A	M	P	I	O	N	W	W	E	S	S	J	Z
C	P	O	D	I	U	M	D	A	E	C	E	W	C	T
B	E	N	Y	J	N	K	E	T	I	K	T	K	A	R
A	B	R	G	L	A	P	E	T	G	A	H	C	N	A
S	A	A	E	Y	Y	V	A	K	H	R	B	A	O	M
K	R	Z	D	M	M	B	E	F	T	A	I	U	E	P
E	C	I	H	M	O	N	A	L	L	T	C	L	I	O
T	H	C	H	R	I	N	A	W	I	E	Y	D	N	L
B	E	U	C	G	K	N	Y	S	F	N	C	R	G	I
A	R	A	Y	P	E	N	T	A	T	H	L	O	N	N
L	Y	S	E	Z	L	B	U	O	I	I	E	N	W	E
L	T	R	I	A	T	H	L	O	N	L	C	O	L	M
S	T	A	D	I	U	M	U	X	G	L	V	S	M	V
D	Q	E	Q	U	E	S	T	R	I	A	N	W	P	C
F	I	N	A	L	I	S	T	U	Q	F	H	O	Z	K

PENTATHLON  
PODIUM  
CEREMONY  
CHAMPION  
STADIUM  
TRIATHLON  
FINALIST

CAULDRON  
JAVELIN  
ARCHERY  
KARATE  
GYMNASTICS  
WEIGHTLIFTING  
EQUESTRIAN

BADMINTON  
CANOEING  
BASKETBALL  
ACROBATICS  
BICYCLE  
TRAMPOLINE

