

Week 3 Term 4 Unit of Work- 3/4B

Tick the box once you have completed the activity.



Middle	Spelling Go through the SMART process with the RED list words. You can do this on your own or with someone in your house. If you don't know the meaning of a word you can look it up online, use a dictionary or ask someone in your house. SMART = Say (say the word out loud) Meaning (put the word into a sentence) Analyse (break it up into letters, sounds and syllables) Remember (what will you need to remember to spell the word correctly?) Teach (spell the word aloud again and remember to put digraphs together). Write out your spelling words for the week. Remember you only need to complete your colour group, not all the words.	Spelling - Look/ Say/ Cover/ Write/ Check your spelling words - Spelling Grid — complete the spelling grid activity for your words this week.	Spelling - Look/ Say/ Cover/ Write/ Check your spelling words - Write your words in meaningful sentences.	Spelling - Look/ Say/ Cover/ Write/ Check your spelling words - Colour coding – write your words. Use red for the vowels and blue for the consonants.	Spelling - If possible, get someone to test you on your spelling list. Mark and record your results.
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	Mathematics Warm-up Year 3 & Year 4: Count by 100's beginning and ending at the following numbers: 273– 1573 585- 2085 Year 3 & Year 4: Complete the '2D Shapes' activity.	Mathematics Warm-up Year 3 & Year 4: Add the following numbers: 345 + 527= 9546+ 2007= Year 3 & Year 4: Complete the 'Addition' activity.	Warm-up Year 3 & Year 4: Practice your 4x tables (eg. say, sing and/or write them) Year 3 & Year 4: Complete the 'Tables Practice' activity.	Warm-up Year 3 & Year 4: Subtract the following numbers: 854 - 227 = 6398 - 4329= Year 3 Complete the worksheet on 'Year 3 - 2, 3 and 5 times table search'. Year 4: Complete the worksheet on 'Year 4 - 9 times table search'.	Mathematics Warm-up Year 3 & Year 4: Practice your 9x tables (eg. say, sing and/or write them) Year 3 & Year 4: Complete the 'Subtraction' activity.
			Break		
Afternoon	PDHPE Complete the activity on a body part of your choice. Sport / Brain Break	Geography Complete the activity about the weather/climate of our local area.	Art Complete the 'Sun & Moon Colour Art' activity.	Science Read the information about 'What is friction?' and complete the activity.	Friday's Task: Choose a work sample you completed over the week and share it with Ms Bartlett via your student email.
	Complete 30 minutes of	physical activity at some po	int during each day.		

Additional Activities:

If you would like more activities then don't forget to log on to:

- Studyladder
- Mathletics
- Reading Eggs

I will be setting new tasks each week!

The Scoop on Ice Cream

article by Karen Jameyson | illustrated by Althea Aseoche



Brrrr—it's icy cold! Yum—it's scrumptious! It has vitamins and minerals too. The average Australian eats 18 litres each year. But where on earth did ice cream come from? And how is it made? Read on to find out some sweet secrets.



Who got the first licks?

Ice cream may not last for very long at your house. Not if there are bowls and spoons handy. But did you know it has been around in some form or other for a very long time?

So when was ice cream first made? We don't know exactly. But we do know that way back in the days of the Ancient Romans (in about 62 AD), a famous emperor called Nero had a good idea. He would send his slaves off to the mountains to collect snow. When they came racing back to the palace with it, the royal cooks would add fruits or juices to it. And Nero had a delicious cold dessert to enjoy.

Then in the 13th century, the famous Italian explorer Marco Polo went on a trip to China. He returned with some special recipes for frozen creamy puddings, which were just a bit like today's ice cream. And over the years the wonderful recipes were passed around to other countries and changed a bit until they began to taste more like the treat we eat.

Ice cream machines at last

For a long time only very rich people could afford ice cream. Two American presidents in the 18th century kept a 'Cream Machine for Making Ice'. In the 19th century another American, Nancy Johnson, invented a special hand-cranked freezer for people to use. That meant wealthy families could make their own ice cream at home. But it was hard work. They needed lots of time and muscle.

Finally, in 1851, the first ice cream factory opened in the United States. Phew! People could rest their arms and buy their ice cream ready-made.

Hey! What about Australia?

Australians had to wait until 1910 for ice cream factories to start up here. But once that happened, Australians quickly began enjoying their icy desserts. In fact, after more than 100 years of eating ice cream, Australians have become the third biggest ice cream consuming nation in the world. Only North Americans and New Zealanders eat more ice cream per person than Australians do each year.





- 1. How much ice cream does the average Australian eat each year?
- 2. What was Nero's dessert that he enjoyed?
- 3. When did the first ice cream factory open? When did Australians get to enjoy ice cream?
- 4. What are the top three biggest ice cream consuming countries?
- 5. What is your favourite ice cream flavour and why?

Monday

Writing/Editing activity:

Re-write the 'The Greatest Cake Ever' passage in your workbook with correct grammar and punctuation.

(You are looking for 3 spelling mistakes, adding 3 capital letters, 2 full stops and 1 exclamation.)

The Greatest Cake Ever

mum makes the gratest cakes ever she uses lots of choclit and delishus icing no one has ever made a birthday cake as amazing as her

All Week

3/4B SMART Spelling Revision

Focus: The digraph /aw/ making the sound "or" as in saw. Name:

Say the word,	Monday	Tuesday	Wednesday	Thursday
write the word				
		Red Spelling Words		
saw				
thaw				
jaw				
straw				
claw				
draw				
	0	range Spelling Word	is	
lawn				
shawl				
prawn				
flawless				
brawl				
scrawl				
		reen Spelling Word	s	
awkwardly				
withdraw				
scrawny				
squawk				
rikshaw				
sprawling				
				•

MONDAY

- Go through the SMART process with the RED list words.
- Write out your spelling words for the week in the Monday column and in your work book.

I TUESDAY

- Look/ Say/ Cover/ Write/ Check your spelling words
- Complete the spelling grid activity (below) for your words this week

WEDNESDAY

- Look/ Say/ Cover/ Write/ Check your spelling words
- Write your words in meaningful sentences in your work book.

THURSDAY

- Look/ Say/ Cover/ Write/ Check your spelling words
- Colour coding write your words. Use red for the vowels and blue for the consonants.

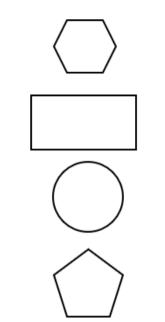
FRIDAY

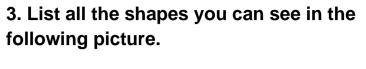
 If possible, get someone to test you on your spelling list. Mark and record your results.

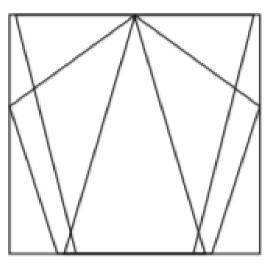
Maths activity: 2D Shapes

1. Draw a line to match the shape to its name.

	Square
	Triangle
	Rectangle
	Pentagon
\wedge	Hexagon
	Circle
	Octagon
	Rhombus







2. Complete the following table.

Name	Number of Sides	Number of Corners
Octagon		
Circle		
Pentagon		
Triangle		
Hexagon		

MONDAY

PDHPE activity: Body Parts

Research a body part of your choice.

Answer the questions (a list of words you might like to use are in the box).

Draw a picture of the body part:		
	Which body part are you?	
	Where are you located in the body?	
	Which system of the body are you a part	of
What makes you important to the body?		
What would happen to the body if you were	en't in it?	

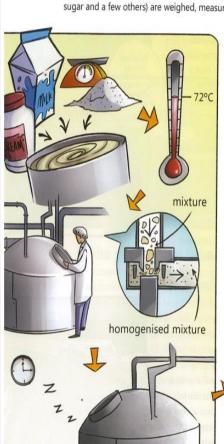
Words you might use important pumping breathe lungs cells oxygen water deposit liver medicine respiratory muscles waste red blood cells system blood used up nervous circulatory vessels vital energy system heart system human delivering digestive transport body arteries carbon dioxide system quickly beating nutrients veins tiny

The Scoop on Ice Cream

So how is ice cream made nowadays?

Have a look at these diagrams and you'll see what happens!

Measuring and mixing The ingredients (milk and cream, sugar and a few others) are weighed, measured and mixed.



Pasteurising

The mixture is heated to about 72° C to kill off any germs.

Homogenising

The mixture is pushed through some tiny holes to make it smoother.

Resting

The mixture is left to rest for about half a day.

Flavouring

Ingredients such as fruits or nuts are added.

Whipping

The mixture is whipped to add air to it



The mixture is put in vats, ready to freeze.

Freezing

The vats go into a big freezer. They are frozen at about -30° to -40° C.



Good for you? Or not?

Did you know that ice cream is loaded with two important minerals: phosphorus and calcium? Did you know that it has protein in it? It also contains vitamin A and riboflavin (another vitamin).

So yes, ice cream is good for you—in some ways! But be careful how much you eat. The cream part of ice cream has a high fat content, and the lovely sweetness means there's lots of sugar in ice cream too. So ice cream is definitely a treat, rather than an everyday sort of food.

And just as there are oodles of flavours of ice cream, there are also low-fat ice creams and also iced milk, for people who want to be a bit more careful about what they eat. People with milk allergies can also try some tasty ice cream cousins—like sorbet. That's a dessert made from sweetened water mixed with juice or other flavours and then frozen. (A bit like our old friend, Nero, ate.)

So when you next enjoy a small bowl or cone of ice cream or sorbet, you know you're carrying on a tradition that includes emperors and explorers.

Protein is
a basic 'building
block' for life, All
animals, including
humans, need protein
to grow and be
healthy.



- 1. At what temperature is the mixture heated to and why?
- 2. Why does the mixture need to be whipped?
- 3. What two important minerals are found in ice cream?
- 4. What is sorbet?
- Is ice cream good for you? Explain your answer.

19

TUESDAY

Writing activity:

If you could be any animal on earth, which would you be and why?

Write a paragraph that explains your choice.

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The **SMART** Spelling Grid

T COLLEGE	Name:						
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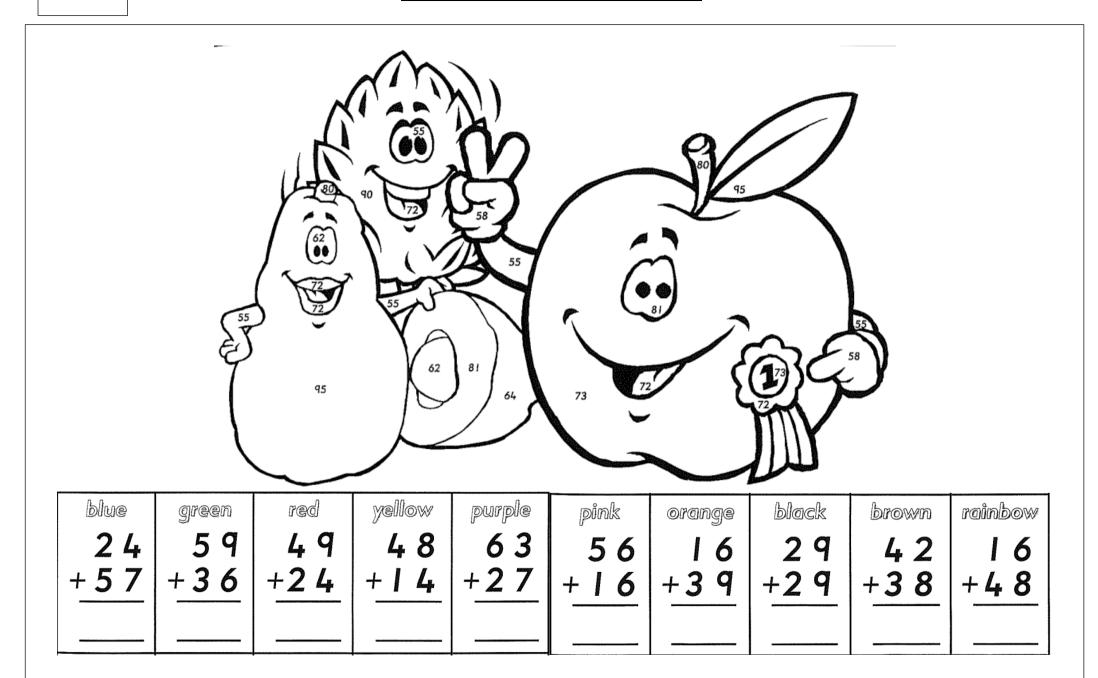
Write, say, sound, count, write.

- 1. Write the word
- 2. Say the word
- 3. Sound it out
- 4. Count the sounds
- 5. Write the letters, then write the tricky part again

Write the word Say the word	How many sounds?	Write	Vrite the letters: broken up into graphs, digraphs, trigraphs etc.				Tricky part?		
weekend	6	w	ee	k	e	n	d		ee
	+								

TUESDAY

Maths activity: Addition



TUESDAY

Geography activity: Climate/Weather

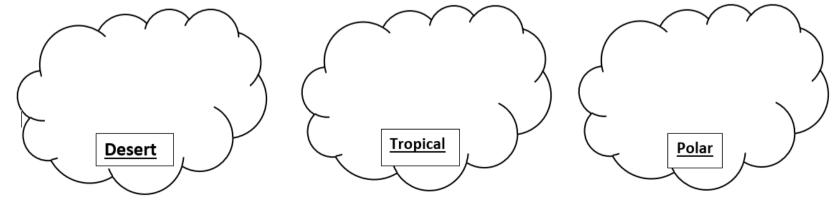
We are going to look at the weather and climate of our local area.

What words can you think of that are used when talking about the weather and climate? Talk to some other people in your house about this and see if they can think of anything different.

Fill in the following table over a week by monitoring the daily weather. You can use symbols to show what the weather is like. Try and include a temperature for the day if possible.

•		•				
Sunday	<u>Monday</u>	<u>Tuesday</u>	Wednesday	<u>Thursday</u>	<u>Friday</u>	Saturday

What type of weather would you expect to see in the following climates?



Make Your Own Ice Cream

activity by Shasta | illustrated by Douglas Holgate

REAL ICE CREAM takes a while to make. But with an adult's permission, you can try whipping up this easy alternative. All you need are a few ingredients, a few pieces of equipment and some strong arm muscles. Oh yes, and an appetite! But remember-not too big a bowlful. Share it around with lots of friends, especially if you have otter friends like Bob!









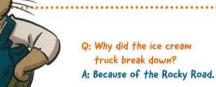
- · 1 600 ml carton of cream
- · 1 395 ml tin of sweetened condensed milk
- 1/2 teaspoon vanilla extract
- · 1 large bowl
- · 1 hand mixer

What you do

- 1. Pour the cream into the bowl and start beating like crazy until the mixture starts standing up in little peaks, or bumps. (This is a good task to share around!)
- 2. Pour in the sweetened condensed milk and vanilla.
- 3. Beat again until everything is all mixed in.
- 4. Put the mixture in the freezer until it hardens.
- 5. Hmm ... can you guess? This last step involves an open mouth and a spoon!

While you eat, stop a moment (not too long or the ice cream will melt), and think about how this delicious treat came to be.





- 1. How much cream is needed to make this ice cream?
- Why would the beating of the cream be a "good task to share around"?
- What do you do in Step 5?
- Why do you think vanilla is the most popular flavour of ice cream in the world?
- What are some weird ice cream flavours? Have you tried any?

Ice cream information

- · Air is an essential ingredient in ice cream. Without it, the mixture would freeze rock-hard. Air is added by whipping the mixture.
- · It takes approximately fifty licks to eat a single-scoop cone.
- · It's believed that the first ice cream cone was invented in 1904 in St Louis, USA. An ice cream seller ran out of dishes, so he asked the nearby waffle seller to roll waffles into cones. Another story tells of an American ice cream seller in New York City who invented cones to stop his customers from stealing his serving plates. Whoever first came up with the idea, it has proved to be very successful.
- · Ice creams on sticks were first sold in America in the 1920s.
- The most popular flavour of ice cream in the world is vanilla, followed by chocolate.
- · There are many weird and wonderful flavours of ice cream sold today, including tomato, garlic, avocado, wasabi and vegemite.

WEDNESDAY

Grammar activity: Conjunctions

Conjunctions are words that are used to join two parts of a sentence, e.g. The dog was running down the road and the owner was chasing it.

They include words such as: and, then, but, so, or, yet.

Can you write 10 sentences using	g conjunctions. You can use each conjunction given above a maximum of two times only.
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4	
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8	
10.	

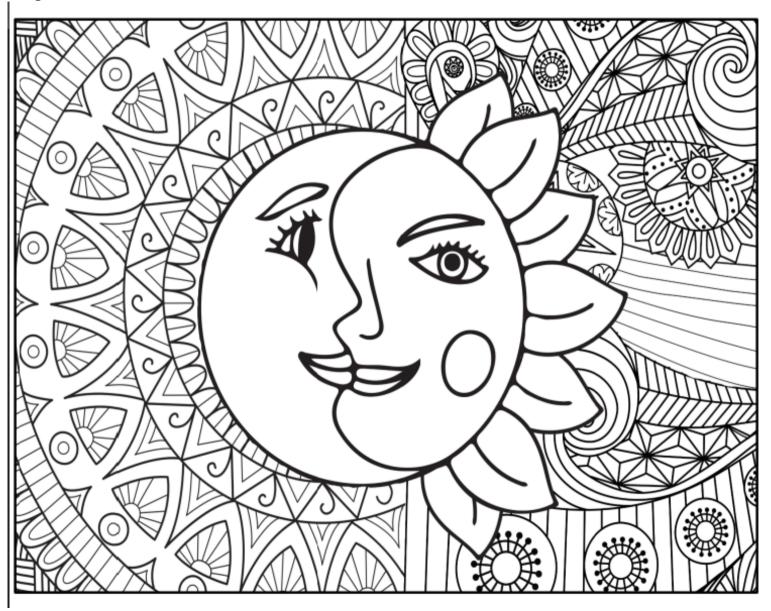
Maths activity: Tables Practice

Do the ones you know and highlight or circle ones that are tricky - they can be your X table goal.

WEDNESDAY

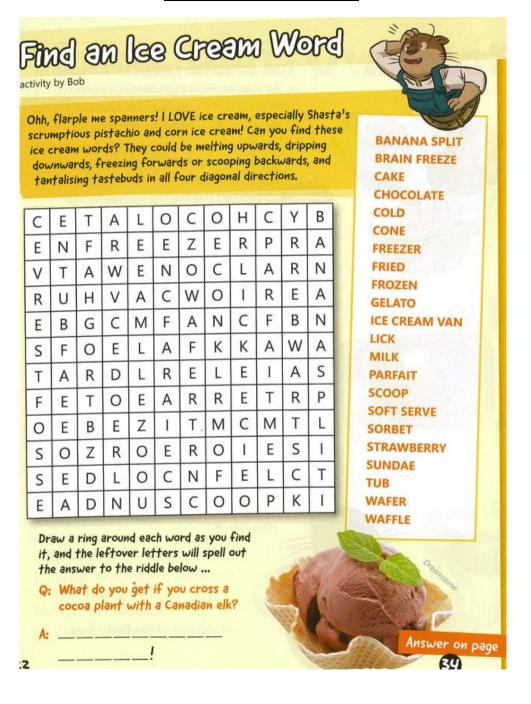
Art activity: Sun & Moon Colour Art

Colour the design using cool colours for the moon and warm colours for the sun.





Reading activity:



Have some fun and complete the word search on ice cream words.

THURSDAY

Writing activity:

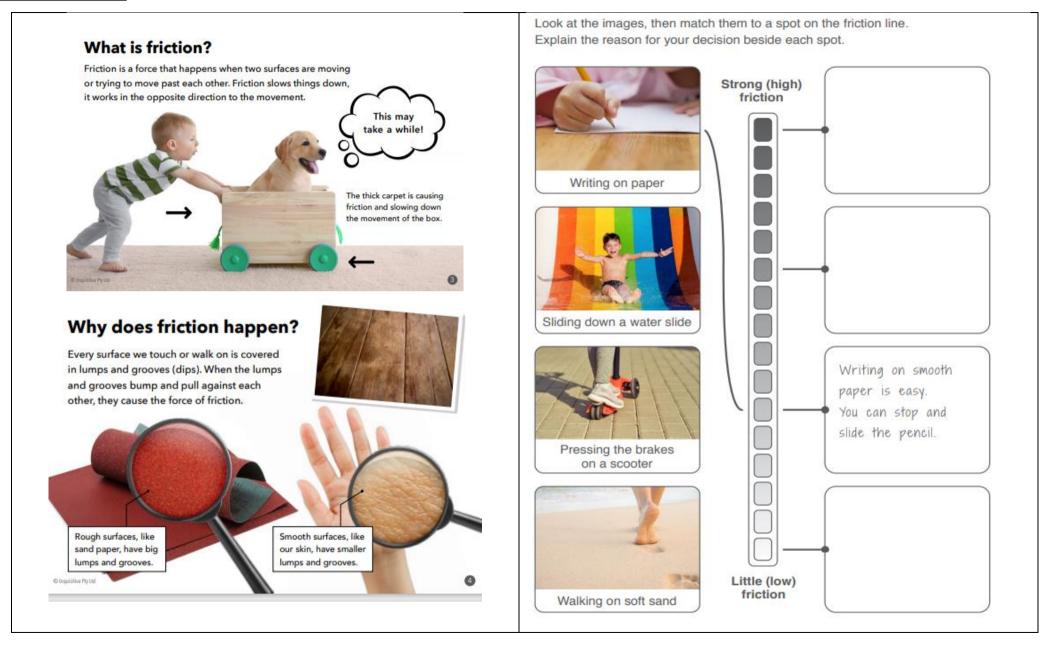
All children should receive pocket money each week. What do you think? Do you agree or disagree?

Write a persuasive text to convince a reader of your opinion.

Maths activity:

Year 3	3 – 2,	3 and	5 Tin	nes Ta	bles	Sear	ch			Year 4 -	9 Tin	nes Ta	bles S	earch	1			
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			_							72	9	54	9	1	63	16	9	63
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5	4	-1	9	10	9	12	35	10	4	9	9	90	9	2	18	4	27	14
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Science activity:



Handwriting activity:

Write the information about Bondi Beach using the handwriting lines provided and joining your letters correctly (cursive script).

Bondi, or Boondi, is an Aboriginal word meaning water breaking
over rocks or noise of water breaking over rocks. Bondi Beach
has golden sands, stunning views, quality surf and is the closest
ocean beach to the city. On 9th June 1882, Bondi Beach became
a public beach and a member of the Australian National Heritage
List on 25th January 2008.

Maths activity: Subtraction

