

Week 7 Term 3 Weekly Framework Stage 2

Below is a learning framework for you to follow at home. You should be able to complete each activity independently. If you need some assistance, ask for some help from a parent/carer or send a message to your teacher on GoogleClassroom. Complete all activities in your Homework book or an exercise book you have at home. Don't forget to write the date on your activities to keep track. If you complete all of the activities for the day you can: *Mathletics tasks *Practice your typing skills -

https://www.typingclub.com/sportal/program-3.game *Access activities on the learning HUB - https://education.nsw.gov.au/teaching-and-learning/learning-from-home/learning-at-home

Morning Session Middle Session Afternoon T3 Wk 7 **English - Reading: Reading:** English Writing: World of Ice **CAPA Music -English - Spelling: Maths Angles:** Write the WALT at the top of your page. **Lesson from Mrs Year 3 Learning Intention:** Reading: Fact & Opinion can use the trigraph **WALT:** Recognise and name angles. *Facts are what actually happened and Ruzay /our/ making the sound can be proven as true. You cannot change **Success Criteria:** Naming angles "ah" as in colour a fact. Fact signals: right, acute or obtuse. Play an I can use visual memory numbers Task: In your books write the title to spell irregular words. Instrument: photographs and date. Write the number and https://www.canva.com/design/D Monday AEnPKArofw/bDCOgr71OMT0GNt statistics then the name of the angle. Play an instrument RB1n4w/view?utm_content=DAFnP verification KArofw&utm_campaign=designsha you are familiar *All links will be Acute, Obtuse and Right Angles When they went to sleep that night, Laura and her re&utm_medium=link&utm_source records posted in your with or try another sister Maisie had looked out over their garden. The =publishsharelink evewitnesses GoogleClassroom trees were full of rusty leaves - orange like copper one you have at Look at these different angles: *Opinions tell us a personal attitude or by your teacher. kettles - that danced gracefully in the wind. They home. Use music **Year 4 Learning Intention:** judgement about something. had enjoyed a spell of warm weather recently, and we have played in *Resources/ I can use the graph /m/ Opinion signals: the garden was happy to be so full of life and worksheets/ as in mouse school or find growth. When they woke up the next morning • I think spelling words I can use the digraph they couldn't believe their eyes. Winter had songs on the • I believe Right Angle Acute Angle can be found at /mm/ as in hammer sneaked up on them without them even noticing. internet. (eg. is smaller than a a square 90° is greater than a probably the end of this I can use the digraph He had flexed his icy fingers and touched Percussion document under /mb/ as in lamb • should everything in his path. The garden was covered in instruments) resources - vou his frosty trail, and even the lawn was blanketed I can use visual memory good/bad access all to spell irregular words. by his snowy cape. The rusty, copper leaves were subjectivity documents now entombed in ice: they were now in the hands https://www.canva.com/design/D online or print AEnPcYnSlo/-OemgIPOK4TnGaIG76 of winter. the resources. vDkA/view?utm_content=DAEnPcY https://docs.google.com/document/d/1kr1P8IXC nSlo&utm_campaign=designshare& NI5QroDLV5YbMP-b76Qbz18-0c5aDCdV8rM/copy utm_medium=link&utm_source=pu *If you cannot Question time: blishsharelink print the What do you think has happened in Maisie and worksheets Laura's garden? simply write the **Activities Students Choose 1:** Why were they so surprised when they woke up answers in your Newspaper words and looked outside? workbook. Have you ever been surprised by the weather? Cut out letters from a magazine Class game. Fact OR opinion: What is your favourite type of weather? or newspaper to form 5-10 What is your least favourite type of weather? https://docs.google.com/document/ spelling words once. What causes frost? d/10iA6kEgmkK4Ir35oIRNzfSovI8uv What causes snow? **Pyramid Words** whZefFgKaLq2ZTM/copy What causes the different types of weather we Write 5-10 spelling words once in experience? the shape of a pyramid adding What causes the seasons? **Activity:** Complete the sentence one letter to each line. Why is the weather different in different parts of matching task - fact or opinion. Worksheet: the world? https://docs.google.com/document/ https://drive.google.com/file/d/1P Descriptive Writing: Write a description of winter ABC Order d/1ZgipscZOVvL7EgBTzfokH8s p9ksv s0zEJVdno25MggzD9Eer86DworbQ where you live: Write your spelling words in Drawing: Draw a picture of your favourite and n1TbDceyvV-Y k/copy Gq0/view?usp=sharing alphabetical order.

least favourite type of weather.

T3 Wk 7	M	orning Session	Middle Session	Afternoon
Tuesday	English - Spelling: Year 3 Learning Intention:	English: Grammar & Punctuation: WALT: Understand and use verb tense. Verbs — tense — past, present & future. Success Criteria: I can locate and use verbs of various tenses. Core Task: Tense refers to time and tells us when the action is taking place. It can be present tense (happening now) as in: I am visiting the museum. It can be past tense (happened in the past) as in: I visited the museum. It can be future tense (will happen in the future) as in: I will visit the museum. Activity: Cut out or write these sentences in the correct boxes. Past, Present and Future Verb Sorting We caught the har home. Past person and Future Verb Sorting We caught the har home. Presponse to do not be successful. Past person and Future Verb Sorting We caught the har home. Presponse to do not be dog. We caught the har home. Presponse read my book send for the back for the following form for a three downs. Past Present Future Presponse read my book send for the back following form for the following form form following form form following form form for following form form following form followi	Maths Angles Maths: Write the WALT at the top of your page. WALT: Recognise and name angles. Success Criteria: Correct naming of angles - right, acute or obtuse. Task: In your books write the title and date. Write the number and then the name of the angle. Types of Angles Worksheet Once you have completed the activity, order the angles in size from smallest to largest. Once you have completed the activity, order the angles in size from smallest to largest. Order the upper bounded to by: Worksheet: https://drive.google.com/file/d/1 i2troQynk9m6rgngskktiXfoalRwJ7 14/view?usp=sharing English - Reading: Reading: Reading: Fact & Opinion What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy Before reading the text: *What type of text is it? Why do you think that? *What is the purpose? *What is the purpose? *What type of text is it? Why do you think that? *What is the purpose? *What type of text is it? Why do you think that? *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion? Yr 3 & 4: https://docs.google.com/document/d/1-QL2qz/3p8KTcjTg4YDcAcaXrr78 jHRLD b4dBQmLk/copy *What is the difference between fact and opinion?	way up to the top line. Write words and sentences that include these letters. Tuesday 24th August 2021 il ut mb nh ck Because hermit crabs have soft bodies, they need to find empty seashells in which to live and hide from predators. Once they outgrow their home they must find a larger shell. Crabs often battle one another for shells. Tuesday 24th August 2021 if ut mb nh ck Because hermit crabs have soft bodies, they need to find

writing.

Wellbeing Wednesday! Complete activities on the matrix. Tick off as you go. Don't forget to join our Stage 2 Zoom at I2pm		Write a letter to your teacher or write a card. You could include: *3 questions *What you have been up to *3 things you're enjoying.	Create a challenging word search. Get creative – use colour and decorate with a boarder. Hide any words that you like.	Create an obstacle course.	Organise your books into alphabetical order.
Complete the activities that match the letters of your first and last name OR create your own fitness challenge to complete. A run on the spot for 2 minutes sit down and stand up		Sit down for 10 minutes and listen to relaxing music.	Create an artwork using materials from outside.	Go for a walk or a bike ride	Find 5 jokes to tell your family at the dinner table.
B 10 star jumps run on the spot with high knees for 1 minute 4 somersaults jump as high as you can 6 times	nominate someone to do 5 sit ups 10 sit ups 1 somersault 5 push ups	Write a letter to a family member or loved one who you haven't seen in a while.	Prepare 5 questions to ask your family at dinner.	Learn 5 new phrases in a foreign language.	Sort out the laundry for your family – can you match all of your family's socks!
walk to every room in the house 10 squats nominate someone to do 20 star jumps touch your toes 10 times	2 somersaults walk to the front door and back run on the spot with high knees for 2 minutes 15 lunges	Play a board game.	Water the garden.	Have a look in the garden - Notice the plants, flowers or trees. Draw these natural parts of our world.	Fill a bucket with warm water. Add soap. Throw in hard plastic toys and give them a scrub!
20 star jumps 20 squats 2 star jumps, 2 squats and 2 sit ups 30 jumps Pgiftedandtalentedteacher	run on the spot for 1 minute sit down and stand up 6 times nominate someone to do 10 star jumps 10 push ups	Draw a picture or portrait of a family member.	Tear up paper into small pieces and then glue together to make your name.	Build a for using sheets, blankets or chairs. When you are done read a book inside your fort.	Watch a 'Just Dance' YouTube video or create your own dance routine. *Develop an active routine to music - 3 star jumps, 3 sit ups & 3 push ups

Morning Session T3 Wk 7 **English - Spelling:** Year 3 Learning Intention: can use the trigraph /our/ making the sound "ah" as in colour I can use visual memory to spell irregular words. Year 4 Learning Intention: I can use the graph /m/ as in mouse I can use the digraph /mm/ as in hammer I can use the digraph /mb/ as in lamb I can use visual memory to spell irregular words. **Activities Students Choose 1:** Phone Words -Write each spelling word once and the "number code" for each spelling word using a phone keypad. e.g. word = 9673. Thursday Practice Spelling Test -Students pair up with another student and practice the spelling test. Students quiz each other at least once. Rainbow Words -Write 5 - 10 spelling words once using a different colour for each letter. **10am:** Join us on the Department of Education page: you can watch the livestream fun lessons from some very special guests. Click the link below: https://education.nsw.gov.au/teachin g-and-learning/learning-from-home/L earning-at-home

English - Grammar & Punctuation:

WALT: Understand the different uses of apostrophes.

Success Criteria: I can use an apostrophe when writing contractions.

Core Task:

Apostrophes Used in Contractions Apostrophes are used to show where letters are left out. Two words become one word. These words are called contractions.

Example:

Can't (cannot)

I'll (I will)

He's (he is)

Activity:

Match the contractions with the words they replace.

doesn't	had not
didn't	would not
haven't	do not
won't	were not
wouldn't	was not
aren't	have not
hadn't	does not
can't	can not
don't	could not
weren't	will not
wasn't	did not
couldn't	are not

2. Homophones: Show the difference between the meanings of the words by putting each word into a separate sentence. Don't forget capital letters and full sto

to	two	too	

Maths: Write the WALT at the top of your page.

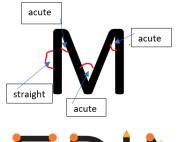
WALT: Locate and name angles.

Success Criteria: Recognising angles in a written name.

Task: In your books, write the title Angles in My Name and the date. Write your name in digital/capital letters. Write each letter neatly and carefully.

Draw in the arcs to show the angle and then label it.







Extension: Name and label the line segments and angles in your name. Science: Science: **WALT:** Use a graph to reorganise information. Success Criteria: I can use a

graph to organise data.

Lesson:

Middle Session

Graphs to present data': https://www.canva.com/desi gn/DAEnPgn-Ifo/YCT1fByhW m6PhgqLcOeHIw/view?utm c ontent=DAEnPgn-Ifo&utm ca mpaign=designshare&utm m edium=link&utm source=pub lishpresent

1. View the slideshow 'Using

2. Complete the worksheets on data and graphs:

Yr 3:

https://drive.google.com/file /d/1DaReCsurQ-iXGAwdMMS siLi-HQiWitnn/view?usp=shar ing

Yr 4:

https://drive.google.com/file /d/1Jam-eJH1wL0Xlzd9fhqPb UNNxPHwtRqZ/view?usp=sha ring

Extension: Survey your family members at home. Topic: What is your favourite ice cream flavour?

Place this information into a graph of your choice. Neatly draw it up in your workbooks.

Fitness: Can you complete these fitness challenges from Cricket Australia?

Afternoon

You might like to do one or challenge yourself with all three.

Each Video goes for about a minute and gives a brief explanation of the activity and what equipment is needed.

Launch and Hit https://players.brightc ove.net/14791919750 01/rklNJhxR default/i

ndex.html?videoId=62 05130969001

Chin Drop and Hit

https://players.brightc ove.net/14791919750 01/rklNJhxR default/i ndex.html?videoId=62 05128514001

Under Your Leg and Catch

https://players.brightc ove.net/14791919750 01/rklNJhxR default/i ndex.html?videoId=62 05132816001

Morning Session T3 Wk 7 **English - Spelling:** Year 3 Learning Intention: can use the trigraph /our/ making the sound "ah" as in colour I can use visual memory to spell irregular words. Year 4 Learning Intention: I can use the graph /m/ as in mouse I can use the digraph /mm/ as in hammer I can use the digraph /mb/ as in lamb I can use visual memory to spell irregular words. Activities: Friday spelling quiz 2. Dictation using sentences below (See Spelling Program) **Friday** Dictation Words Yr 3 odourless 2. humorous glamorous Dictation Words Yr 4 dumb 1. 2. money 3. crumb

SPORT: Underarm or Overarm throw.

*Which skill would you like to improve?

Pick one activity to complete or if you are feeling very active complete both!

Resources:

https://vimeo.com/420957952

Episode 2 - Underarm throw	Stage 2
Challenges Heldern the Morrory undersom throwing activities with a fast. • From a class disonary, those the fast as at rapet. • From a class disonary, those the fast as at rapet. • See makes at any ungel disonaries to three the fast at the target. Mega Challenges • Set cuts a mortice of basis area plug disonaries to the staget, furthern the fast and the fast of the fast and the fast of the fast	Suggested PDHPE Outcomes These activities may address the volcrome stord as part of a whole school PDHPE scope and sequence. 90-02 againms and firsts movement alkin in a winsky of PDH2 againms and firsts movement alkin in a winsky of PDH2 and possible and concepts to effectively create approxim movement assumed. Second preferring movement assumed and preferring possible and concepts to effectively create and preferring movement assumed. Second preferring movement assumed assumed as a second preferring possible and concepts to effect to create a new through possible. How can you case your eyes to create more answereness of your resmontagements.
Other variations With a selever if you are a selected and a select	Toaching cues Siye on the trayst [see reyel]. See ferward (apposite key to throwing arm). Throwing arm back then ferward pirnley arm). Periot to the stays: Equipment Ball, soft toy or rolled up pair of socks.

https://vimeo.com/425101968

Episode 3 - Overarm throw	Stage 2
Challenges Perform the following throwing activities using a bean bag, bell or similar. Form a set distance, throw towards positioned targets. Piliy a garne of throw, eath, return with a partner. Megas Challenge	Suggested PDHPE Outcomes These activities may address the outcome listed as part of a whole school PDHPE scope and sequence. PD2-4 performs and refines movement skills in a variety of sequences and situations. PD2-11 combines movement skills and concepts to
Set targets at varying levels and distances to challenge throwing accuracy. Throw to a partner while they are moving.	effectively create and perform movement sequences. Samplequestions How can we combine hand and foot movement to throw?
Creative Challenge Combine different movements such as hopping and ball handling combinations whilst throwing at set targets or to a partner.	Why do we need to follow through when we throw? How hard do we need to throw when our target is moving closer or further away?
Other variations With a patter will will be a series of the ball before ball to be a set distance for running to receive a ball from your patters.	Teaching cues Stand side on to the target (warrior pose). Throwing arm a side then up (thumb to thigh, ball to the skyl. Step opposite leg forward. Throw the ball and follow through.
Try combining different fitness infusion activities for example, performing a set number of burpees before throwing.	Equipment 3 bean bags, balls or similar. 3 small items or a wall to use as a target area.

Maths: Write the WALT at the top of your page.

Middle Session

WALT: Identify and create number patterns.

Success Criteria: Using a rule to create number patterns.

Task: In your books, write the title Number Patterns and the date. Write down the number pattern, missing numbers and the rule.

Identifying Number Pattern Rules

Use the rule to help you complete the number p	atterns.			
14 18 22	Rule:			
28 26 24	Rule:			
65 75 80	Rule:			
150 145 135	Rule:			
36 30 24	Rule:			
90 96 99	Rule:			
201 211 221	Rule:			
107 97 67	Rule:			
36 42 54	Rule:			
24 36 48	Rule:			
235 233 229 229	Rule:			
Can you create your own tricky addition and s Don't forget to write down the rule!	ubtraction number patterns?			
My addition number pattern rule:				
My number pattern is:				
My subtraction number pattern rul	e:			
My number pattern is:				

Worksheet:

https://drive.google.com/file/d/1rS1 rAR-gaaWaOc78zmC0uovzrg8clscl/vi ew?usp=sharing

Extension/Challenge:

Task: In your books, write the title Angles Around Me. Rule your page into six rectangles and label each one.

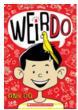


Draw and label your pictures. Here are a few examples.

Library/RFF: Lesson from Mrs Burke Match the book to its Author

Write the name of the author next to the book:













AUTHORS -JEFF KINNEY ANDY GRIFFITHS MORRIS GIFTTZMAN LIZ PICHON AARON BLABFY ANH DO

CAPA: Choose one of the pictures to colour in or you can choose both! Get creative and give it your best effort.

Afternoon

https://drive.google.com/file/d/1 T690 QANI pKwnqcJXEc-0MOXpr uDEm4/view?usp=sharing

Optional: Colouring in Competition.

The Harbour Trust are currently running a colouring competition based on the history of the Sub Base Platypus site in North Sydney. The winning artworks will be displayed at Sub Base Platypus during the construction of the Torpedo Factory Renewal Project. All competition entries will be published on the Harbour Trust website.

*If students would like to enter the competition, a photograph or scan of their artwork can be emailed to education@harbourtrust.gov.au along with their FIRST NAME, AGE, SCHOOL and their carer's name and email (so winners can be contacted). The competition closes Friday 8 October 2021.

*A panel of Harbour Trust representatives with expertise in design, heritage and education will judge the entries and select the winning artworks. *Winners will be announced at the end of October 2021 via email/phone. *The winning entry will receive a free 60-minute tour of Sub Base Platypus for their class. *Top entries will be displayed on site during construction works for a period of approximately six (6) months.

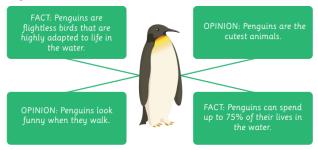
Year 3 Spelling Words							
RED	ORANGE	GREEN	PERSONAL				
colour favour flavour glamour	honour neighbour colourful humour	neighbourhood encouraging flavourful honourable	camouflage changeable colloquial colossal				
odour	honouring	flavouring	column				

Year 4 Spelling Words							
RED	ORANGE	GREEN	PERSONAL				
mouse money dumb lamb music	commit plumber numb government hammer	commitment recommend millimetre dilemma permanent	camouflage changeable colloquial colossal column				

Monday - Reading

FACT AND OPINION

- *Facts are what actually happened and can be proven as true. You cannot change a fact.
- *Opinions tell us a personal attitude or judgement about something.



Put the following facts and opinions under the correct headings:

- -A butterfly's life cycle is made up of four parts; egg, larva, pupa and adult. -Swimming at the beach is the best.
- -Apples taste better than bananas.
- -Football is great exercise.
- -Pizzas come with many different toppings.
- -I like to play football with my friends.
- -Spiders are scary.
- -Butterflies are beautiful to look at.
- -Dogs make better pets than cats.
- -Spiders are arachnids, not insects.
- -It is important to drink lots of water to stay hydrated.
- -Ham and cheese pizza is the best kind of pizza.
- -Fruit and vegetables are important foods to eat.
- -The giraffe is the tallest mammal in the world.

Fact	Opinion

Acute, Obtuse and Right Angles Look at these different angles: **Right Angle Obtuse Angle Acute Angle** a square 90°. is greater than a is smaller than a right angle. right angle. Write the type of angle:



Monday - Writing

WRITING World of Ice

When they went to sleep that night, Laura and her sister Maisie had looked out over their garden. The trees were full of rusty leaves - orange like copper kettles - that danced gracefully in the wind. They had enjoyed a spell of warm weather recently, and the garden was happy to be so full of life and growth.

When they woke up the next morning they couldn't believe their eyes. Winter had sneaked up on them without them even noticing. He had flexed his icy fingers and touched everything in his path. The garden was covered in his frosty trail, and even the lawn was blanketed by his snowy cape.

The rusty, copper leaves were now entombed in ice; they were now in the hands of winter.

[UESTION TIME: (Full Sentence Answers. **Example**: Maisie & Laura's garden was covered in snow and ice overnight.)

- What do you think has happened in Maisie and Laura's garden?
- Why were they so surprised when they woke up and looked outside?
- Have you ever been surprised by the weather?
- What is your favourite type of weather?
- What is your least favourite type of weather?
- What causes frost?
- What causes snow?
- What causes the different types of weather we experience?
- What causes the seasons?
- Why is the weather different in different parts of the world?

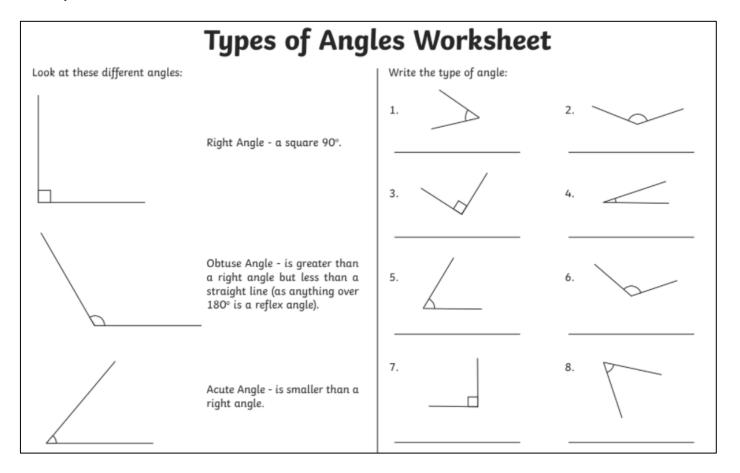
DESCRIPTIVE WRITING:

Write a description of winter where you live:

DRAWING:

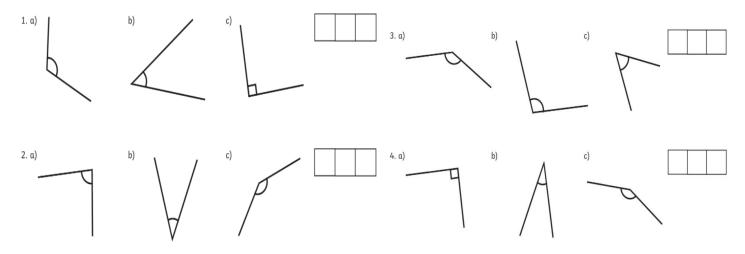
Draw a picture of your favourite and least favourite type of weather.

Tuesday



Extension: Ordering angles.

Order these angles from smallest to largest.



<u>Challenge:</u> In your book draw three angles in order of size from smallest to largest.

Facts & Opinions

Exercise is Cool!

Exercise boosts brainpower

Exercise helps you to think clearer, which means you can concentrate better in class and learn more.

Exercise gives you more energy

If you exercise throughout the day, you will improve your strength, which means you will have more energy.

Exercise helps stop you from getting sick

Exercise leads you to feel healthier, which means that your body is more likely to fight off colds and illnesses.

Exercise pumps up your heart

Not only does exercise stop you from getting sick, but it also helps strengthen your heart.





*Don't forget capital letters, full stops and full sentence answers!

1. Write an opinion about exercise boosting brainpower.

2. Write an opinion about exercise giving you more energy.

3. Write an opinion about exercise helping to stop you from getting sick.

4. Write an opinion about exercise helping to pump up your heart.

CRAZY CREATIVE CHALLENGE

Make a list of all of the ways that you exercise throughout the day.

Create an exercise plan, using items found around the house or classroom, that you can do each day.

'ear 3 - Data Represe 	entation and Interpre	etation - Questions	Yr 3 Thursday - Science
Name			Date
	Creating a	nd Compar	ring Data (A)
A Year 3 class o	carried out a sur	vey on favourit	e sports.
Use the tally m	arks from the O	_	orts table to construct a picture
graph of the re	sults. epresent one pe	rson	
•	rite Sports	13011.	Our Favourite Sports
Sport	Tally	our ravourite sports	
hockey	141L I	hockey	
soccer	7#4		
tennis	IIII	soccer	
basketball	II II	tennis	
busicebuil			
		basketball	
		L	
Use the inform	ation from the g	graph to answe	r the questions below.
a) What is the	most popular s	port?	
		. •	
b) What is the	least popular sp	oort?	
c) How many	more students l	ike hockey thar	n tennis?
,			
d) How many	students like the	e two least pop	ular sports?
a) Mhigh dian		acion to nood? [
e) Which displ	lay do you lind e	easier to read? i	Explain your answer.
c) willen dispi			

Name _____

Date _____

Creating and Comparing Data (B)

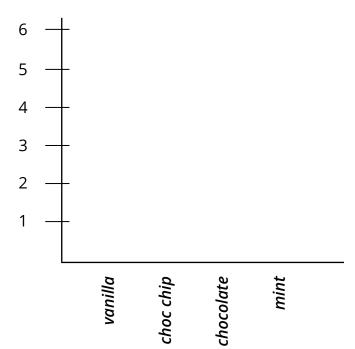
1 A Year 3 class carried out a survey on favourite ice cream flavours.

Use the tally marks from the *Our Favourite Ice Cream Flavours* table to construct a column graph of the results.

Our Favourite Ice Cream Flavours

Our Favourite Ice Cream Flavours

Ice Cream	Tally
vanilla	Ш
choc chip	## I
chocolate	**
mint	II



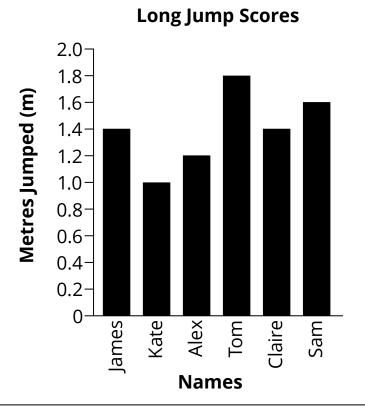
- ② Use the information from the graph to answer the questions below.
 - a) What is the most popular ice cream flavour?_____
 - b) What is the least popular ice cream flavour?______
 - c) How many more students like choc chip than mint? ______
 - d) How many students like the two least popular ice cream flavours? _____
 - e) Which display do you find easier to read? Explain your answer.

Name _____

Date _

Data Displays (A)

① A group of Year 4 students competed in a long jump event. The graph below shows the distances jumped. Use the graph to answer the questions.



- a) Who jumped the furthest?
- b) Who jumped 0.6 m less than Sam?
- c) Which students both jumped 1.4 m?
- d) Who jumped 0.4 m more than Alex?
- e) Who had the shortest jump?

2 A Year 4 class observed the native birds in their school playground during their one-hour Maths lesson. Use the information from the table to create a picture graph displaying their results.

Bird Species	Number		
Kookaburra	1		
Magpie	2		
Willie Wagtail	6		
Rainbow Lorikeet	4		
Crested Pigeon	5		
Cockatoo	2		
Noisy Miner	3		

Magpie
Willie Wagtail
Rainbow Lorikeet
Crested Pigeon
Cockatoo
Noisy Miner

Local Native Birds

Number of Birds



= 1 bird



(b) teachstarter

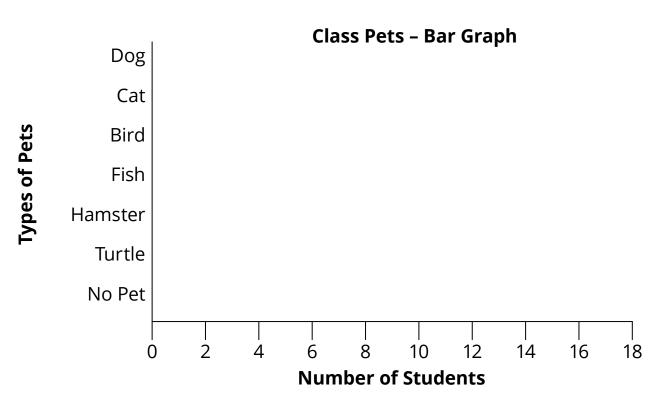
Name _____

Date _

Data Displays (B)

1 Mr Newman did a class survey of the pets his students owned. Represent the information in the table as a bar graph and as a picture graph.

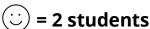
Dog	Cat	Bird	Fish	Hamster	Turtle	No Pet
14	10	6	8	2	2	4



Class Pets - Picture Graph

Dog
Cat
Bird
Fish
Hamster
Turtle
No Pet

Number of Students



teachstarter

Identifying Number Pattern Rules

Work out what the number pattern rule is for each of these patterns. The pattern might be increasing (addition +) or decreasing (subtraction -).

Use the rule to help you complete the number patterns.

14 18 22	Rule:					
28 26 24	Rule:					
65 75 80	Rule:					
150 145 135	Rule:					
36 30 24	Rule:					
90 96 99	Rule:					
201 211 221	Rule:					
107 97 67 67	Rule:					
36 42 54	Rule:					
24 36 48	Rule:					
235 233 229 229	Rule:					
Can you create your own tricky addition and subtraction number patterns?						
Don't forget to write down the rule!						
My addition number pattern rule:						
My number pattern is:						
My subtraction number pattern rule:						
My number pattern is:						

Draw a design on the side of the submarine.



Submarines are used

by the navy to

on the water.

water and the

have plenty

Being in a

long time.

ot air.

fight wars in and

Submarines go all

the way under the

people inside still

submarine is a little

like being a platypus

— you can go under

water for a very

That's why the

submarine base

they parked)

was named

(which is where

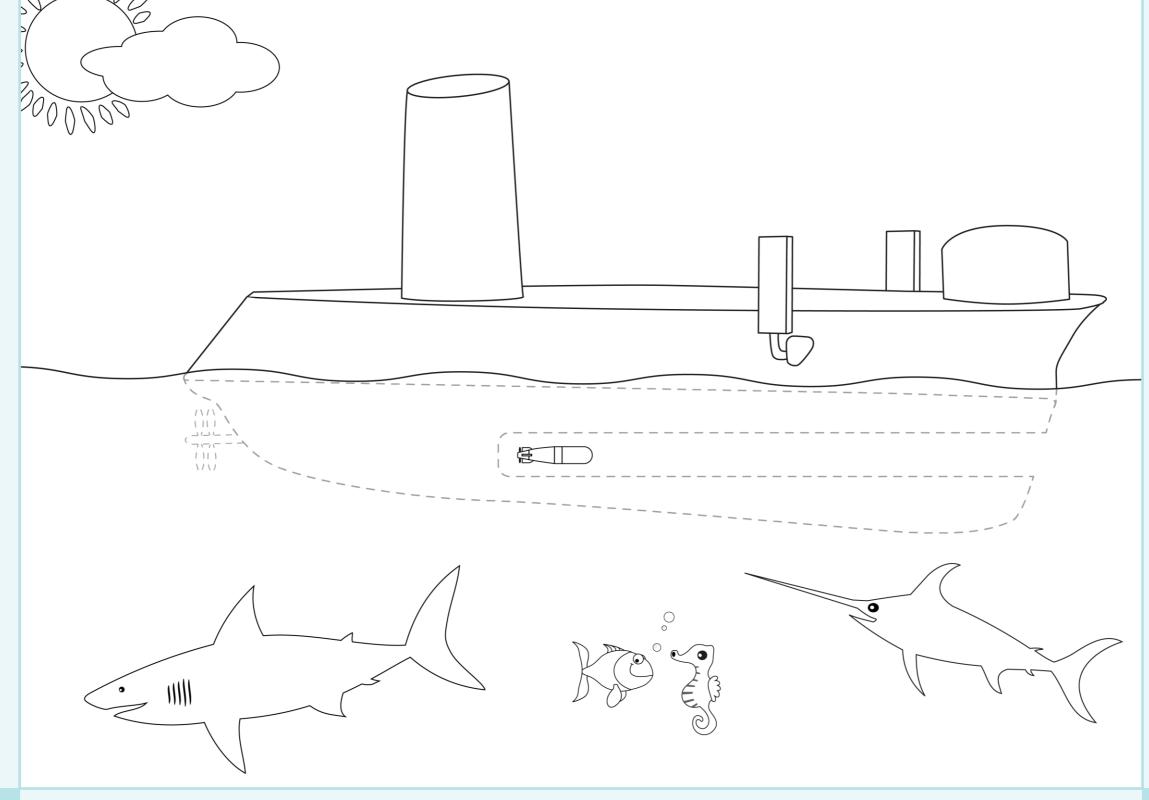
Harbour Trust Sub Base Platypus - Torpedo Factory

Did you know... that there was a submarine base in Sydney Harbour? Named HMAS (Her Majesty's Armed Service) Platypus, it had Oberon class submarines. It's closed now, but the Harbour Trust is beginning to open things up.

Draw a
periscope
on the
submarine.

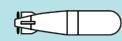
A periscope is used by the sailors inside the submarine to see outside.

They also have electronic sonars to detect things under the water - they send out a ping signal, just like the platypus - and the people in the submarine know what the returning sound means. They can tell if it's a dolphin, a shark or another submarine.



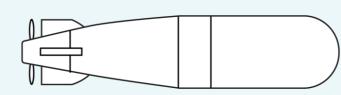
Draw the torpedos in storage in the submarine.

'HMAS Platypus'.



Submarines are used in wars to defend land and ships. They shoot torpedos that can look like this....

The Torpedo Factory was used during World War Two to build torpedos to be used by submarines and navy ships.



Draw some sea life in the ocean.

Add some extra bubbles.

O
Trust

Sub Base Platypus - Torpedo Factory

Did you know... that there was a submarine base in Sydney Harbour? Named HMAS (Her Majesty's Armed Service) Platypus, it had Oberon class submarines. It's closed now, but the Harbour Trust is beginning to open things up.

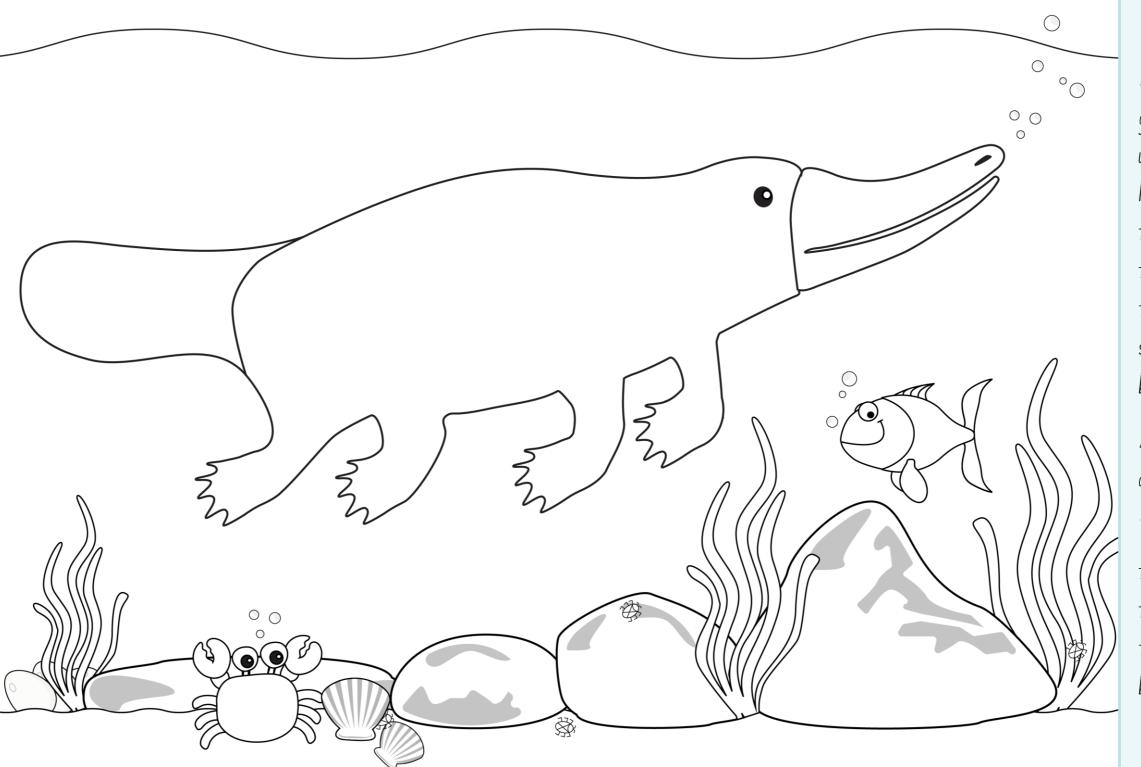
Add some fish and a crab.





Did you know that platypus have electric receptors in the skin on their bill?

They use the receptor by sending out a little 'ping' - just like a submarine - to find out what's around them. This allows them to move and find food in water that is dark or murky.



Platypus live on the ground around water but spend large amounts of time in and under the water looking for food and snacking on water bugs.

About 12 hours a day!

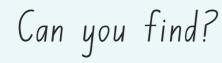
They glide through the water using their two front feet to paddle and back feet to steer.

Add some tasty water bug snacks.









- The platypus bill (nose) •
- 4 webbed feet
- The platypus mouth
- The long strong tail covered in fur
- Some soft-shelled eggs
- Something the platypus would like to eat in the water

Add some seaweed.

