Stage 2



Work Booklet

Term 3 Week 3 Year 4

Name:

Class:

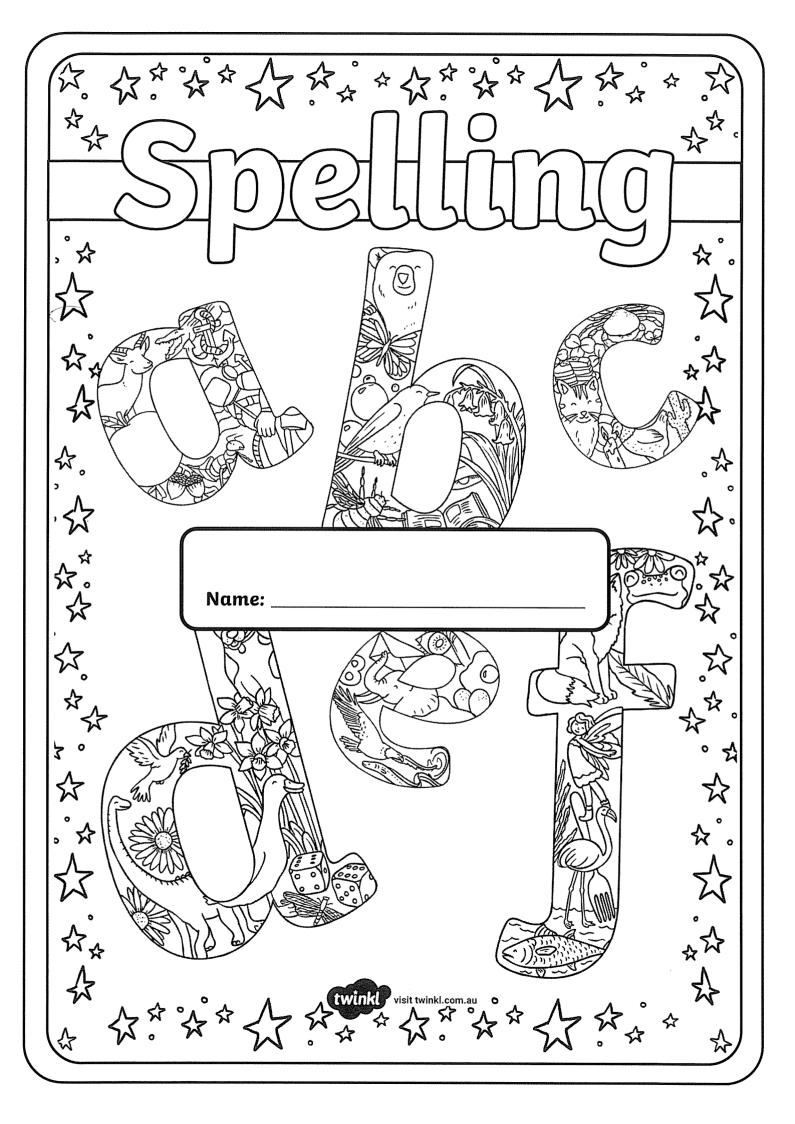
Week 3, Term 3	Day 1	Day 2	Day 3	Day 4	At School Day
Morning 1	Reading 1:	Reading 1:	Reading 1:	Reading 1:	Reading 1:
	Read a book from home or online (such as Storyline Online).	Read a book from home or online (such as Storyline Online).	Read a book from home or online (such as Storyline Online).	Read a book from home or online (such as Storyline Online).	Read a book from home or online (such as Storyline Online).
	Take a photo of your yellow card and put it in your Dojo portfolio.	Take a photo of your yellow card and put it in your Dojo portfolio.	Take a photo of your yellow card and put it in your Dojo portfolio.	Take a photo of your yellow card and put it in your Dojo portfolio.	Take a photo of your yellow card
	Reading 2:	Reading 2:	Reading 2:	Reading 2:	Dojo portfolio.
	Inferring	Characters	Tricky Words	Retell	Reading 2:
	What's in my teacher's	Choose two characters	Write down any tricky	A Character and the second sec	Character Map
	about what is in their bag based on what you know	they different? How are they the same? Use a	words you come across while reading. Find them in a dictionary and write the	After reading the story, retell it to a family member using	Draw a picture of a character in your
If you are finding Spelling	about your teacher.	Venn Diagram.	meaning down.	first, next, lastly.	text. Label your character.
difficult, Use soundwaves login's	Spelling: Each day, choose TWO	Spelling:	Spelling: Each day, choose TWO	Spelling:	Spelling:
which are located on the School	activities from the grid to practice your spelling words.	Each day, choose TWO activities from the grid to practice your spelling	activities from the grid to practice your spelling words.	Each day, choose TWO activities from the grid to practice	Each day, choose TWO activities
Dojo Page. You can use the grade below.		words.		your spelling words.	from the grid to practice your spelling words.

Break 1	Writing	Writing	Writing	Writing	Writing
	Vocabulary	Punctuations	Vocabulary	Story Time!	Vocabulary
	Pick 5 of these WOW words and write 5 sentences using them	Write a sentence using at least 3 pieces of punctuation from the list below	Think of at least 5 WOW words to describe a Quokka	Write an information report on an Australian Animal	List as many Adjectives that you can think of and write a short story using these.
	Outstandingly, dine, container, nervously, echoing, transport, beautiful, progress,	"";,?!().	Remember to use your senses Do you know what	Make sure you have lots of interesting facts	Remember an adjective describes the noun
	create, adore. Handwriting/Typing:	Handwriting/Typing:	this animal is? Handwriting/Typing:	Handwriting/Typing:	Handwriting/Typing:
	Complete a page of the handwriting booklet and complete 15 minutes of	Complete a page of the handwriting booklet and complete 15	Complete a page of the handwriting booklet and complete 15 minutes	Complete a page of the handwriting booklet and complete 15 minutes	Complete a page of the handwriting booklet and complete 15 minutes
	Tittb://www.typiiigciub.com	http://www.typingclub.c	http://www.typingclub.con	http://www.typingclub.con	http://www.typingclub.com/
Middle Mathletics	<u>Maths</u>	<u>Maths</u>	Maths	<u>Maths</u>	<u>Maths</u>
Login and Password	Patterns and Algebra	Patterns and Algebra	Patterns and Algebra	Patterns and Algebra	Patterns and Algebra
will be uploaded on Class	Log onto www.Mathletics.com and complete 15 minutes	Log onto www.Mathletics.com and complete 15 minutes	Log onto www.Mathletics.com and complete 15 minutes	Log onto www.Mathletics.com and complete 15 minutes	Log onto www.Mathletics.com and complete 15 minutes
Stories.	oi activities	oi activities	or activities.	or activities.	or activities

All ta are i. your book be com	<u> P</u>
All tasks are in your booklet to be completed.	Afternoon
Writing Complete the set Writing task for the week.	Complete 1 page of in your workbook Addition in your workbook workbook Write out your 2,5 and 10 Write out your 4 and timetables.
PDHPE Complete the set PDHPE task for the week.	Complete 1 pages of Addition in your workbook Write out your 4 and 11 timetables.
Science Complete the set Science task for the week.	Complete 1 pages of Addition in your workbook Write out your 3 and 6 timetables.
Writing PDHPE Science Geography Creative Arts Complete the set Writing task for the week. Complete the set PDHPE task for the week. Complete the set Science task for the week. Complete the set task for Creative Arts for the week.	Complete 1 pages of Addition in your workbook Write out your 7,8 and 9 timetables.
Creative Arts Complete the set task for Creative Arts for the week.	Complete 1 pages of Addition in your workbook Write out your 6 and 12 timetables.

Questions and Answers

- Where is my Mathletics Login Your class teacher will upload this on their Class Story on Class Dojo. If you do not have Class Dojo, you will need to download the app and contact your child's teacher to connect you.
- 2. What is Soundwaves? Soundwaves is our School Spelling Program, Mr Curran uploaded the login details on the schools Class Dojo. Please check this. Any issues contact your child's teacher.
- Do I need to submit my child's work? Yes, all work needs to be uploaded and submitted on your child's class dojo portfolio.
- Are we doing videos? We will be uploading Videos on a Monday according to what is needed for the topics being taught.
- 5. Can we Zoom as a Class? Unfortunately we are unable to have a class zoom.



N S S

Each day, choose ONE activity to complete using your list of spelling words.



Verbal Linguistic

Alphabet Soup

spelling words out in Write each of your alphabetical order.

CONTROL OF THE PROPERTY OF THE

Line Them Up

Write all your spelling words out in one long other words you can row and circle any

Noisy Animals

Syllable Salute

syllables of your

Clap out the

spelling words.

make a noise found in any EG: hoop - an owl says of your spelling words? animals in nature that Can you think of any "Hoo!"

A long list

Where do you rank List all the subjects you do at school. spelling?

Write a rap song to help learn your spelling words.

Interpersonal

Ves, I'm miming!

Create word puzzles,

Puzzling limes

Visual/Spatial

and see how quickly

cut each puzzle up

you can put all the

pieces back together.

word you are miming? Can they guess which Mime your spelling words for a friend.

To the Beat

Unit 19

Od O_e ow o boat rose window comb

			(A) Grapheme	Chart		
List Words	in the List Words.	in the List Words.				
goes only both close	Write any other letters that can represe on on the Grapheme Chart. Write one word example for each.	:ent				
broke low	3 Write one stroke for every sound in ed List Word.	яch				
own slow	4 Unjumble the letters to make pairs of	rhyming List Wo	ords.	*********************		
flow coat	owl lows otac	esog	rokeb	now		
loaf	eto fowl toalf	losec	weoka	nhwos		
toe clothes	5 Finish the word in each sentence by s	electing the cor	rect endina.	*************		
float	The water fr (ote, oz		•	(oap, oat)		
drove	The glass br (obe, ok	_	-	(ote, oke)		
alone awoke	I like being al (oke, or	ne) She d	r the co	ar. (ove, one)		
follow	The st is on. (ove, op	oe) Please	e cl the	door. (ove, ose)		
shown	Did the boat fl? (oat, oc	ın) He ate	e the whole L	(oaf, oat)		
frozen moment	6 Write the @ oa o_e ow o words on the bo	oat. Write the @	ou ow words on	the cloud.		
though although	Write the word that is left,	window	allow —			
volcano	downstairs known	window towards	allow — follow			
	Odd on	e out				
	7 Write the (o o e owo) words on the bo Write the word that is left.	oat. Write the 🦅	words on th	ne umbrella.		
	though		dough — thought _			
	Odd on	e out				

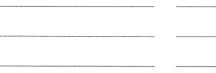
8	Write	the	words	from	the	box	in the	correct	columns.
wee.		, , , ,		0,		~ ~ ~ ~			00.00.11.50

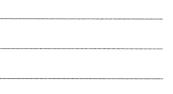
Sometimes we add **s** to words ending in **o**. Sometimes we add **es**.

words that add s

words that add es

videos qoes radios photos tomatoes pianos potatoes echoes







9 Follow the pattern in each box. Watch your spelling.

flows flow qo

close

own	owned
close	VA
float	
follow	***************************************

float	floating
flow	
go	
close	

10 Write the letter o to represent (oa o_e ow o in the word if it makes sense. Finish the sentences with your words.

own

_nly p_th

p__ty

fr_pen

volcat__

m mend

_ply b_th

p_ny

fr__zen

volcan__

It will ______ take one hour to get to the _____

m_ment

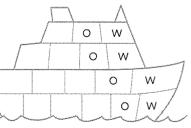
the _____ will run away from us.

____ of my water bottles are ____

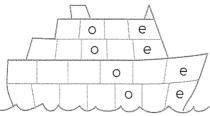
Challenge

Finish the boats by writing one letter in each space to make words that match the clues.

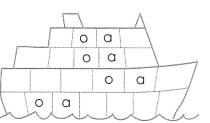
opposite of high opposite of fast opposite of above a colour



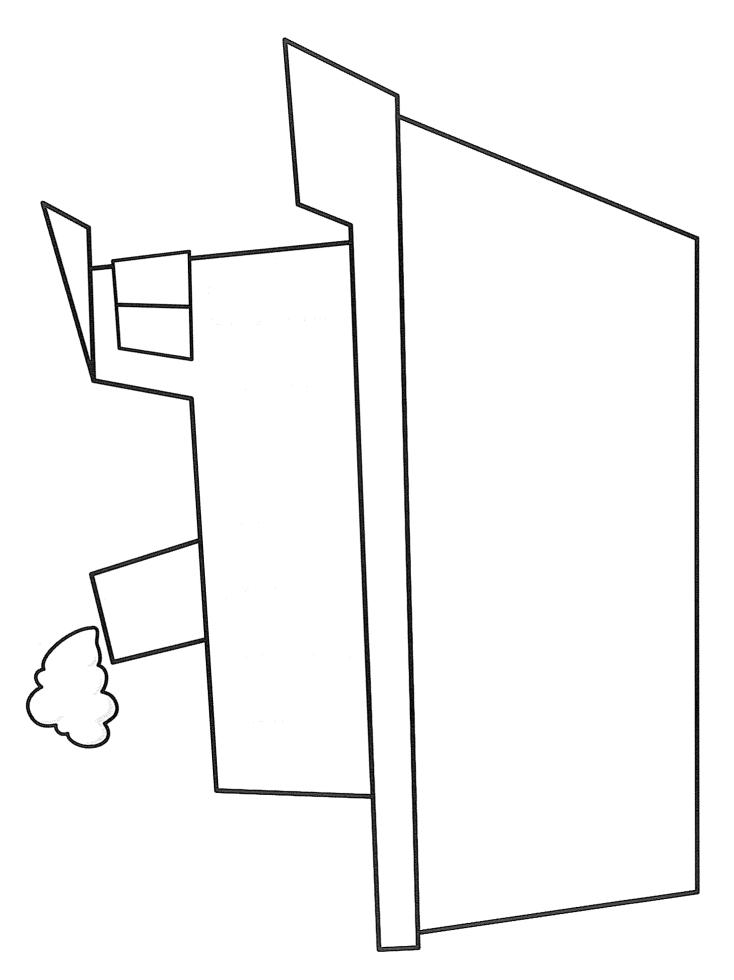
have a nap opposite of open king's seat write music

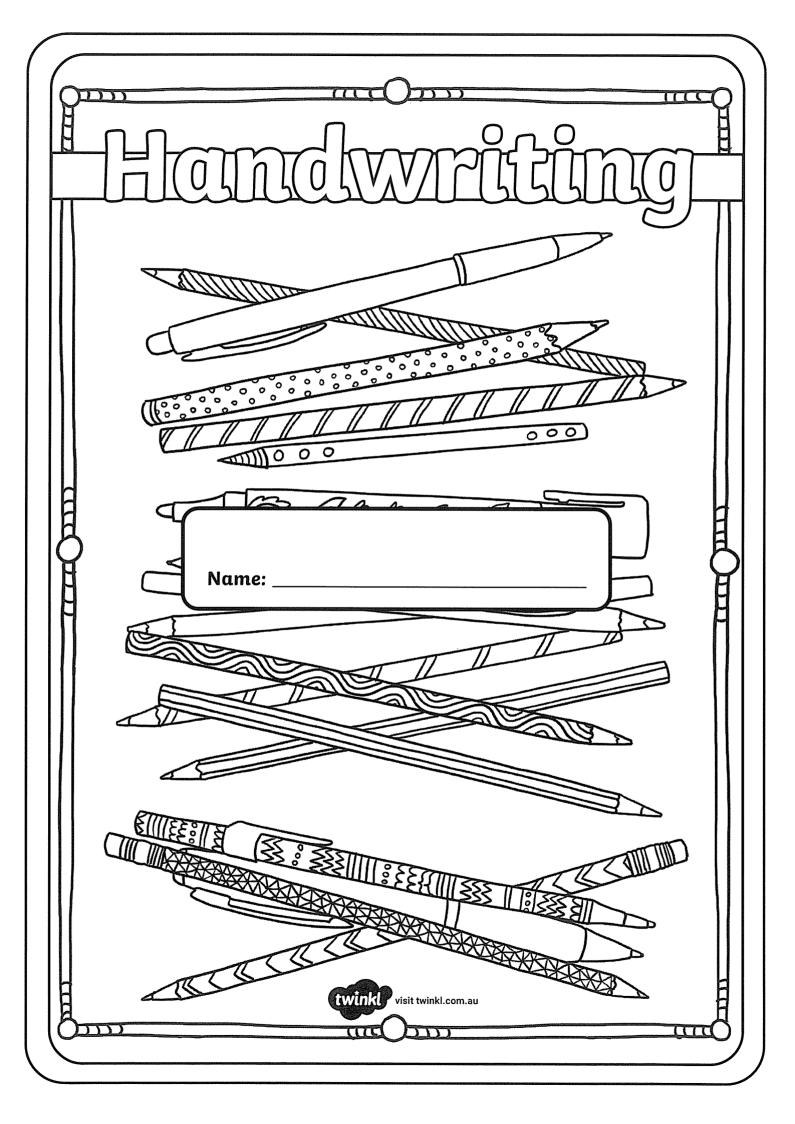


keeps you warm opposite of sink front of your neck used to make toast

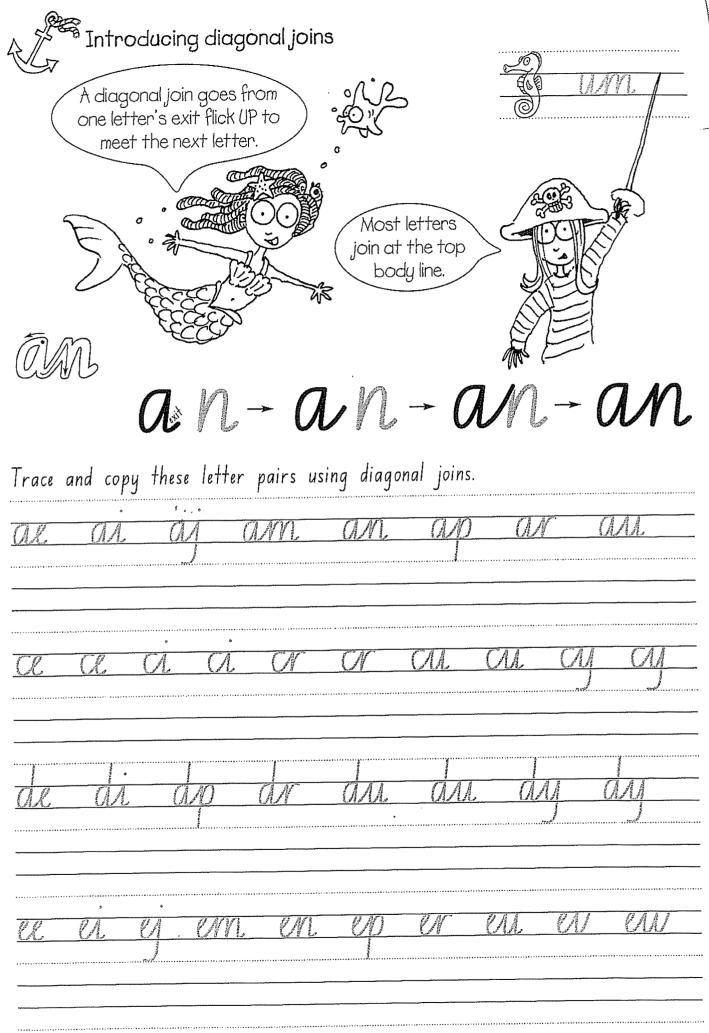


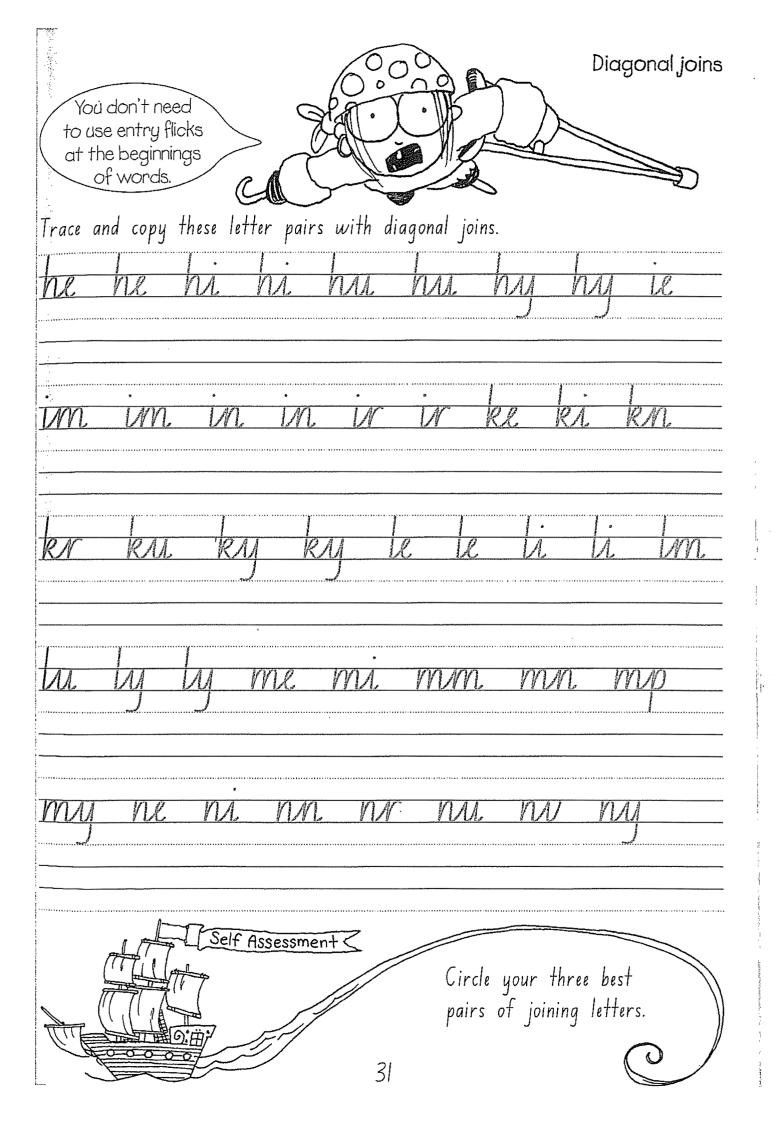
small horse opposite of goodbye small amount of time type of mountain





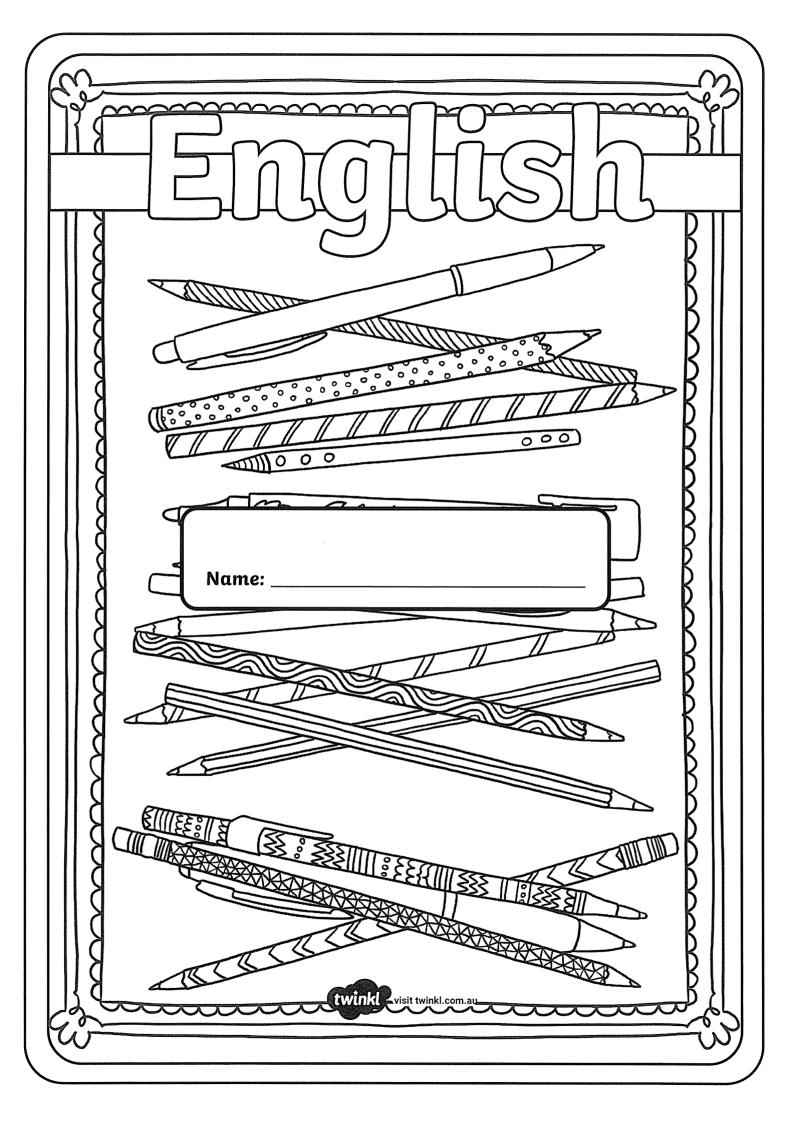
Capitals and entries 00 Trace the titles of Capital letters these books about don't have entry flicks because they don't join up to other letters. mermaids. Add the entry flicks to the letters that need them.





	the patt	erns. Turn	them into	fish.				
13	1 2			Ą			1	
Trace	these let	ter pairs u	vith diagoi	nal joins.				
Toward To	Toward Comments	L. L.	IMN.		10	W		
M.C.	1//	WW.	WN.	W.	up I	IAA.	UM	Ш
			diago	st letters onal joins m e top body	neet at)	Put a do line wher		ow the tters meet.
Trace	these wo	ords with a	liagonal jo	rins.				
SAM	AAM W	£	l I Diem	МИ		anen	<u> 1011/</u>	7
51/1	7.70	И	m	arlin	7	1/0	Ma	
Trace	and copy	y. Cross ou	t the nons	sense wor	d.			
<u>ARR</u>	<u>//)</u>	<u> </u>)	sleep)	Steep	2	

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`								





nostrils fidgeted apprehension canter counselor optimistic

Horse Troubles

Jessica took a deep breath, letting the warm smell of horses fill her nose as she walked into the stable. Every summer, Jessica spent two weeks at Green Meadow Farm's horseback riding camp. Rose, her camp counselor, led Jessica through the aisle of snorting horses, with Jessica looking out for Piper, her favorite horse. Last year, Jessica and Piper had spent days riding the trails. At the end of camp rodeo, they finished 2nd in the obstacle course race. Jessica loved everything about Piper, from her speckled gray hair to the way Piper's soft nose tickled her hand whenever Jessica fed her apples.

"I can't wait to ride Piper," Jessica told Rose.

Rose smiled. "I know you love Piper, but we need to save her for some of our newer riders this year."

Jessica tried not to let the disappointment show on her face, but she felt crushed. Piper was one of the best-behaved horses, so it made

sense that she would be used by the younger riders. Still, Jessica would miss her favorite

horse.



"How about you try riding Harley?" Rose said.

Jessica was a little startled by the giant, male horse in a nearby stall that Rose pointed to.

Even though Harley was beautiful with his shiny chestnut hair and his thick black mane, he looked restless. He had flared nostrils and wild eyes, and he was taller than the other horses.

Rose could sense Jessica's apprehension. "Don't worry. He just needs an experienced rider to help train him."

Jessica tried to stay optimistic, hoping that Harley would turn out to be easier to ride than he looked. She cautiously approached him, but the horse moved away from her. He was just so big, thought Jessica. As Jessica put Harley's saddle on his back, the horse fidgeted and brayed, making Jessica even more nervous and causing her to fumble with the buckles.

Jessica glanced at a group of new riders gathering around Piper's stall. They patted her neck and in return, Piper nuzzled her pink nose on their heads. Jessica tried not to feel jealous as she adjusted the saddle on Harley's back.

An annoyed Jessica led a reluctant Harley outside. She climbed on top of him and headed to the obstacle course. However, when they reached the log fence, Harley planted his hooves in the dirt, refusing to take another step.



The next day, Jessica tried cantering through the fields like she'd done with Piper. Harley got off to a good start, but he wouldn't slow down even when Jessica tugged on the reins. Jessica was terrified as Harley galloped faster and faster. Luckily, he eventually got tired and stopped running.

After that disaster, they tried a simple ride through the trails, but Harley flinched at every noise in the woods making an already jittery Jessica even more anxious. When a bird screeched, Harley panicked and went up on his back legs, bucking Jessica off. She landed on the hard ground with a thud. Lying in the dirt, feeling bruised and achy, Jessica's eyes filled with tears.

She arrived at the stables the next day and found Rose cleaning a stall.

"I really miss Piper and her gentleness," Jessica said.

"I'm afraid of Harley, and he's too hard to control. I have a huge bruise on my back from him bucking me off yesterday."

When Jessica had finished speaking, Rose rested her chin on her pitchfork handle, looking thoughtful. "Harley isn't used to being ridden," she said. "He's in a new

place with a new person on his back. I bet he's pretty scared, too."

Jessica hadn't thought about it that way. Harley seemed so big and strong to her that she didn't realize that he could be afraid of her, too.



"It's okay to be scared, but just remember that Harley has his own fears," Rose explained. If you are nervous, you will make him nervous. If you are confident, he will feel confident. If you show him trust, he will trust you."

After her conversation with Rose, Jessica decided that it was time for a fresh start with Harley. She grabbed an apple from her lunch box and went to find Harley. When he saw her coming, Harley flared his nostrils.

"I know you're scared of me," Jessica whispered. "We're still strangers, and it's up to me to make sure that we become friends."

She pulled the apple out of her jacket pocket and slowly extended

her hand towards Harley, talking to him softly at the same time. At first, Harley eyed the apple with suspicion, but then he cautiously took it in his big teeth and began crunching it up. Jessica couldn't help but giggle. Harley looked so silly with his big teeth chomping on the apple, juice spraying everywhere. As she fed him, she moved closer and stroked his long neck, so that he could get used to her touch and scent. For the first time, Harley acted calm,

and Jessica realized that she was also feeling calmer.

Ignoring the saddle, Jessica led Harley around the ring so that he could get used to being with her and following her direction. That went well and they took a short walk up the trail where Harley had been so scared by all the noises the previous day. This time he paid no attention to the screeching birds as he followed Jessica and the carrot she was holding.



Jessica and Harley made progress together as their confidence in each other grew. The next day Harley muzzled her hair when she arrived in the morning. By the end of the week, they had completed the obstacle course together.

On the final day of camp was the rodeo and obstacle course race. Jessica confidently climbed onto Harley and watched the others go through the course, including Piper. Then it was Jessica's turn, and Harley, sensing the excitement of the day, tore through the course like a madman, easily winning. The other horses were just no match for the big strong Harley.

Rose handed Jessica the winner's trophy with a wink, and at that moment, Jessica realized the real reason Rose had asked Jessica to ride Harley. Rose knew that Jessica would have had a nice time with Piper, but she had wanted Jessica to step out of her comfort zone and challenge herself to be a better rider.

Jessica gave Rose a hug and then brought the trophy, and a carrot, over to Harley.





Horse Troubles (exercises)

1. Multiple Choice

How does Jessica feel when she sees the new riders playing with Piper?

- a. jealous
- b. excited
- c. confused
- d. afraid

What activity does Jessica like to do at horse camp?

- a. the obstacle course
- b. cantering in the fields
- c. riding on the trails
- d. all of the above

Why does Jessica feed Harley an apple?

- a. She has extra apples and needs to get rid of them.
- b. She wants Harley to be less afraid of her.
- c. Harley is very hungry and needs food.
- d. Rose tells her to take the apple to Harley.



2. Match the horse-related terms to their meanings.

	reins	A speed between a trot and a gallop.
	saddle	A section of a stable that is meant for one horse.
	canter	A seat that is put on the back of a horse in order to ride it.
	stable	A strap which is used to guide or slow the horse.
	stall	A building that horses are kept in.
2	Write down 2 things you can do to gain a	
3.	Write down 3 things you can do to gain o	in animai's trust.
	a	
	b	
	C	

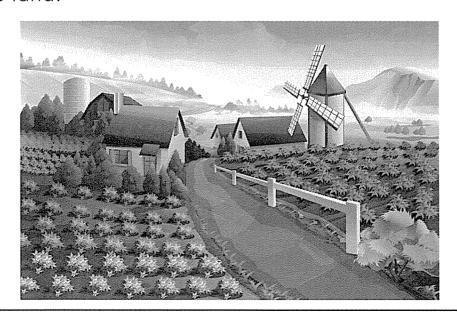


scientist agricultural discrimination slavery productive circumstances

The Plant Doctor

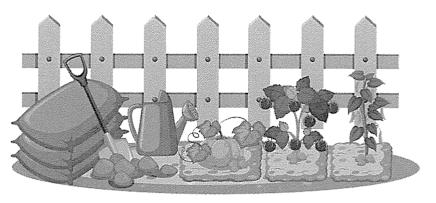
George Washington Carver was an agricultural scientist who became one of America's most well-known inventors. His accomplishments are even more remarkable when we learn how his life began.

George certainly did not have an easy start to life. He was born into slavery just one year before it was made illegal in America. As a child, he lived with his mother's previous owners, the Carvers, who owned a farm in Missouri. There, Mrs. Carver taught him how to read and write and how to work the land.





From a young age,
George was naturally
curious. He loved art,
music, and science.
He was especially
interested in farming



and enjoyed experimenting with soil and plants. He had a knack for understanding how to protect crops from pests and diseases. He became so skilled that neighboring farmers recruited him to help them with their orchards and farms. George soon became known in the area as the "Plant Doctor."

Though he was already quite an expert at a young age, Carver was hungry to learn more. "I wanted to know the name of everything," he said. "Every stone and flower and insect and bird and beast. I wanted to know where it got its color, where it got its life. But there was no one to tell me."

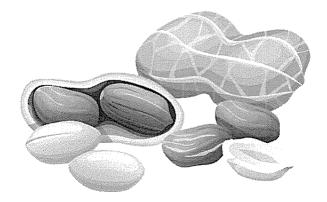
At age eleven, Carver left the farm to seek his education elsewhere. For the next ten years, Carver attended various schools across the Midwest, working to support himself financially. He faced a lot of discrimination in these years, and he was often turned away from educational opportunities because of his skin color.



Eventually, he was accepted at Iowa State College. There, he became the first African American to earn his master's degree in Agriculture. George then left Iowa to teach at a school for black students in Alabama. He wanted to help students rise out of their difficult circumstances. Education, he believed, was "the key to unlock the golden door of freedom."

In Alabama, he taught farmers a thing or two as well. Carver saw that the southern soil had been worn out from growing cotton year after year. He believed it could be made healthier by growing other crops during certain seasons. He encouraged farmers to grow peanuts, soybeans, and sweet potatoes.

His plan worked perfectly. By rotating crops, the soil became more productive. The Plant Doctor was alive and well. The local farmers were ecstatic. Not only were their cotton crops better than ever, but they now had a surplus of potatoes and peanuts!





Carver also used his creative genius to invent over 150 uses for sweet potatoes, including flour, vinegar, paint, and ink. Carver is best known today for also inventing over 300 uses for peanuts. These included milk, oil, paper, and makeup.

George's lasting reputation, though, did not come easily. As an African American living at a time when slavery had just ended, he faced many unjust obstacles and dangers. However, through education and hard work, Carver achieved his goals. His passion for plants and people led him from slavery to success.



George Washington Carver (1864 - 1943)



The Plant Doctor (exercises)

1. Multiple Choice.

Which of the following is NOT one of the crops George encouraged farmers to grow in Alabama?

- a. soybeans
- b. sweet potatoes
- c. peanuts
- d. broccoli

Based on what you know about George, which of the following was probably his favorite school subject?

- a. English
- b. science
- c. history
- d. recess

Which of the following was George sometimes called during his lifetime?

- a. The Tree Hugger
- b. The Plant Doctor
- c. The Flower Child
- d. The Nutcracker



2. True (T) or False (F)? Circle the right answer. If the story does not say the answer, circle (X).

Today, George is best known			
for what he did with sweet	Т	F	X
potatoes.			
George's plan for farming in			
Alabama worked, and the soil		_	
and the cotton crops were	T	F	X
healthier than ever.			
George liked farming in	_		
Alabama better than in Iowa.	T	F	X
George did not really enjoy			
learning, and he often	Т	F	X
slacked off in school.			



The Plant Doctor (answers)

- 1. Multiple Choice.
 - d. broccoli
 - b. science
 - b. The Plant Doctor
- 2. True (T) or False (F)? Circle the right answer. If the story does not say the answer, circle (X).

Taday, George is best known for what he did with sweet potatoes.	The state of the s	0	х
George's plan for farming in Alabama worked, and the sell and the catton crops were healthier than ever.		F	X
George liked farming in Alabama better than in Iowa,	*	F	0
Georgo did not really enjay learning, and he otten stacked off in school,	g-pa	O	x

3. In the fourth paragraph of the story, there is a quotation from George Carver. Write out the quotation below.

"I wanted to know the name of everything. Every stone and flower and insect and bird and beast. I wanted to know where it got its color, where it got its life. But there was no one to tell me."

4. Is there something you would like to learn about as much as George wanted to learn about plants and nature?

Answers will vary.



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	MANUAL TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE T			
	= 1			
Is there s	omething yo	u would li	ke to learn	about as
	omething yo George wan			
much as	_			
much as	_			
much as	_			
much as	_			
much as	_			
much as	_			
much as	_			
much as	_			



Using adverbs

Grade 3 Adverbs Worksheet

Circle the adverbs.

	Word bank:				
	drink	equally	finally	gallon	gently
	here	ignore	later	legally	locally
	monster	nervously	party	telepathically	telephone
	thoroughly	today	union	vision	yesterday
٠.					

Complete the sentences using the adverbs from above.

1.	The report on pollution comes out <u>today</u> .
2.	, we are doing everything by the book.
3.	The twins communicatewith one another.
4.	Our favorite team won the championship
5.	Leave your shoes You don't need to wear them in the
	house.
6.	Grandmafinished the quilt she promised me.
7.	The skaters wereawaiting the results of the competition.
8.	The pie was shared among the children.
9.	The teacher explained the problem
10.	Your parents will arrivethis afternoon.
11.	The woman placed her infant in his crib.
12.	These vegetables are grown



Writing adverbs

Grade 3 Adverbs Worksheet

Complete the story with the adverbs below.

		Word bank	ς:	
carefully	eagerly	gently	joyfully	late
laughingly	lazily	loudly	slowly	timidly

A drive to the country

On a peaceful Sunday afternoon, Noah's	family headed for the country.
They <u>eagerly</u> climbed in the car right	after lunch. As dad drove
down the road, the kids looked	I through the windows at the
passing landscape. Soon, rows of houses ga	ve way to larger fields of hay.
There were even horses walking	in the fields. Cara asked if
they could stop to pet them. Dad	said "No!", but mom knew
the farmer and told dad to stop. The children	got out of the
car and followed their mother. The farmer gav	ve them permission to go see
the horses. The children walked	d toward the beautiful animals,
mindful not to scare them away. An olde	r
horse approach and smelled the	
top on Noah's head. Mom offered him a carro	t MANGE POWER
and the horse neighed It started	
chewing on the carrot, allowing the children to	
pet it Their country adventure	
made them for dinner that day.	



Adverbs and verbs

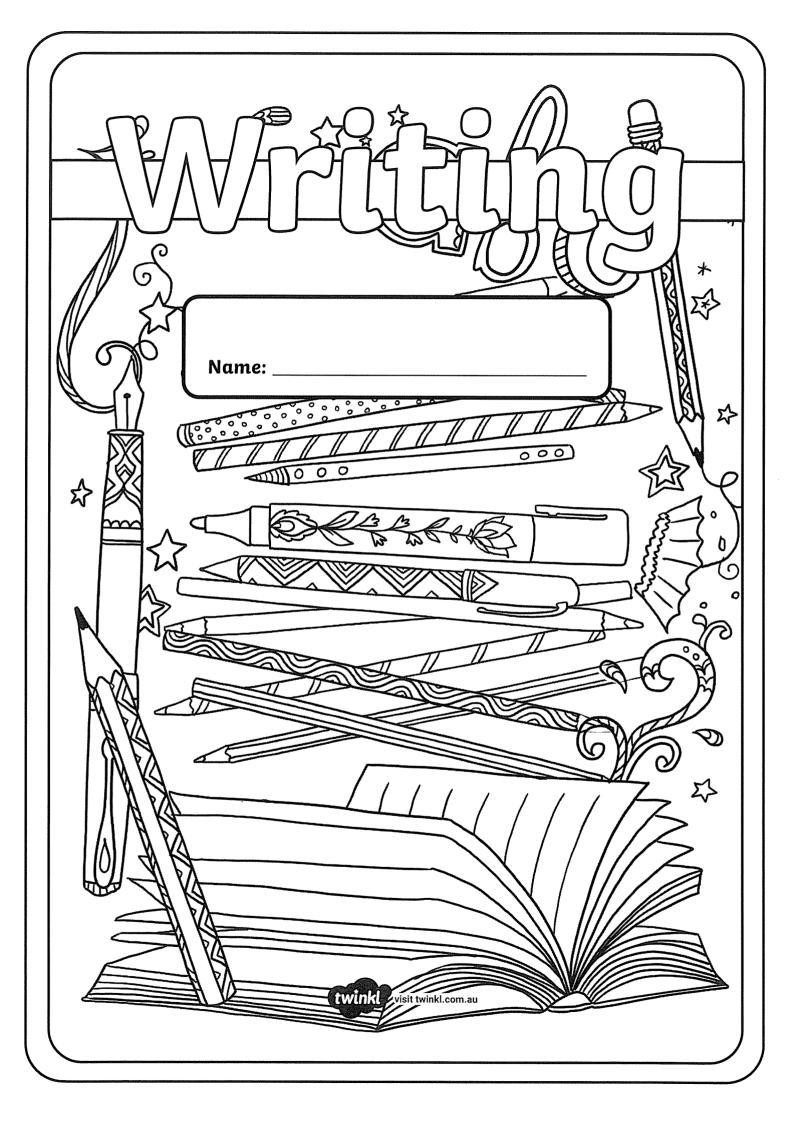
Grade 3 Adverbs Worksheet

Circle the adverbs and underline the verb they describe.

Hint: Adverbs usually describe or modify verbs.

- 1. The waiter patiently took our order.
- 2. The cat swiftly caught the mouse under his paws.
- 3. Jenna rides her bicycle well.
- 4. It is snowing outside, so we need to dress warmly.
- 5. Michael completed his homework carefully.
- 6. The phone rings constantly at the office.
- 7. Pet the kitten softly if you want it to purr.
- 8. Maria practices her piano regularly.
- 9. The painter delicately adds the final touch to his art.
- 10. Gina nervously twirls her hair.
- 11. The cook gracefully spun the pizza dough in the air.
- 12. The referee sternly looked at the players before blowing the whistle.





lame		Date
	Athlete Profile	
Athlete's name:		
	t:	
Number of medals av		
bronze	silver	gold
Interesting facts:		
		77.74.74.74.74.74.74.74.74.74.74.74.74.7

HEALTH AND PHYSICAL EDUCATION

(i) teachstarter

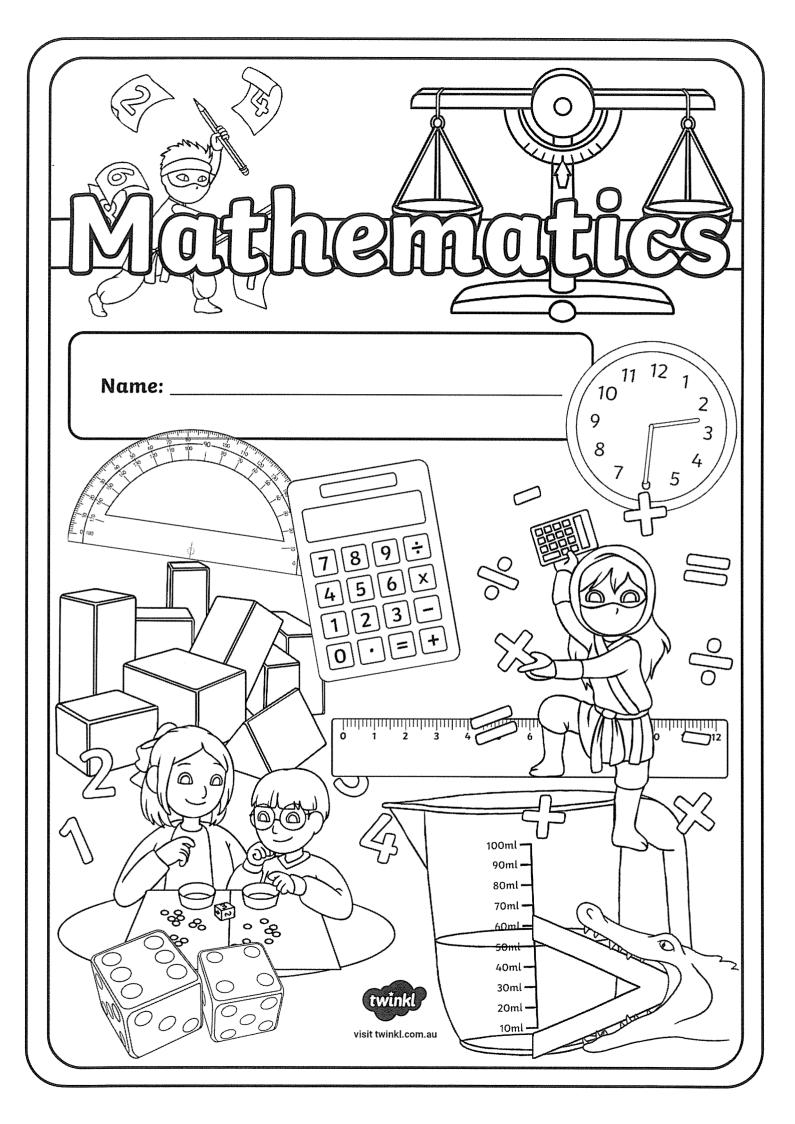
Athlete Research Report



One last fact...

Athlete's Name:		
THIS PERSON IS FAMOUS FOR:	Read All	About It!
	Interesting facts o	about my athlete:
Mini-Movie – Here are for	ur important scenes fi	rom's life:
PORTRAIT	QUOTABLE QUOTE Something they said	SPORTS ACHIEVEMENTS They have achieved
	TNI ETI/E I./ODNO	ΕΤΝΙΛΙ ΓΛ <i>C</i> Τ
	IN FIVE WORDS Five words to describe them	FINAL FACT

leach IIII



Continue the Number Patterns

I can continue patterns with fractions, decimals and whole numbers resulting from addition or subtraction (ACMNA107).

Continue each pattern and write down what the rule is. The first one has been done for you!

Whole Number Patterns:

the pattern is add 22 Rule =

Decimal Number Patterns:

Rule =

Fraction Number Patterns:

6.
$$4\frac{6}{8}$$
, $5\frac{7}{8}$,

7.
$$18\frac{5}{10}$$
, $16\frac{4}{10}$,

The rule is:

Create Your Own Patterns!

Whole number pattern:

Decimal number pattern: _____

The rule is:

The rule is: _____

Fraction number pattern: ______



Continue the Number Patterns

I can continue patterns with fractions, decimals and whole numbers resulting from addition or subtraction (ACMNA107).

Continue each pattern and write down what the rule is. The first one has been done for you!

Whole Number Patterns:

Decimal Number Patterns:

Fraction Number Patterns:

6.
$$6\frac{4}{6}$$
, $6\frac{3}{6}$, , , 6, $5\frac{5}{6}$, , $5\frac{5}{6}$, , $5\frac{1}{6}$, Rule =

7.
$$4\frac{1}{5}$$
, $4\frac{3}{5}$, $4\frac{4}{5}$, $4\frac{5}{5}$, 4

Create Your Own Patterns!

Whole number pattern:

The rule is:

Decimal number pattern: ______

The rule is:

Fraction number pattern: _____

The rule is: _____



Continue the Number Pattern

I can use an addition or subtraction rule to complete a number pattern. (ACMNA060)

Use the rule to help you complete the number patterns.

1. Rule = +4

10, 14, 18, 22, _____, _____, _____.

5. Rule = -5

45, 40, 35, 30, _____, _____.

2. Rule = +6

16, 22, 28, 34, _____, _____.

6. Rule = -10

98, 88, 78, 68, _____, _____, _____.

3. Rule = +2

18, _____, 22, 24, _____, 28, _____.

7. Rule = -3

19, 16, _____, 10, _____, 1.

4. Rule = +10

100, 110, 120, 130, ____, ____, ____.

Can you create your own number pattern? Show me!

Don't forget to write down the rule!

Continue the Number Pattern

I can use an addition or subtraction rule to complete a number pattern. (ACMNA060)

Use the rule to help you complete the number patterns.

1. Rule = +4

24, 28, 32, 36, _____, _____, _____.

5. Rule = -5

49, 44, 39, 34, _____, _____, _____.

2. Rule = +9

27, 36, 45, 54, _____, _____, _____.

6. Rule = -10

108, _____, 88, 78, _____, 58, _____.

3. Rule = +20

180, _____, 220, 240, _____, 280, _____.

7. Rule = -3

31, 28, _____, 22, _____, ____, 13.

4. Rule = +6

66, 72, 78, 84, _____, _____, _____.

Can you create your own number pattern? Show me!

Don't forget to write down the rule!

Continue the Number Pattern

I can use an addition or subtraction rule to complete a number pattern. (ACMNA060)

Use the rule to help you complete the number patterns.

1.
$$Rule = +12$$

24, 36, 48, 60, _____, _____, _____.

5. Rule =
$$-5$$

49, 44, 39, 34, _____, _____.

48, 56, 64, 72, _____, _____.

6.
$$Rule = -10$$

194, _____, 174, 164, _____, 144, _____.

3.
$$Rule = +15$$

150, _____, 180, 195, 210, _____, ____.

7. Rule =
$$-3$$

97, 94, _____, 88, ____, 79.

66, 72, 78, 84, _____, _____, _____.

Can you create your own number pattern? Show me!

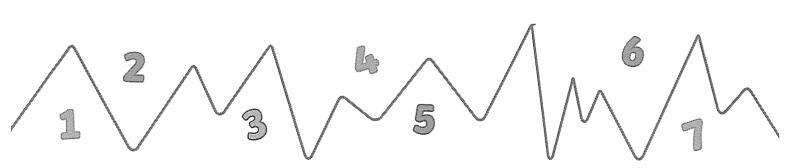
Don't forget to write down the rule!

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:
77 66 55	Rule:



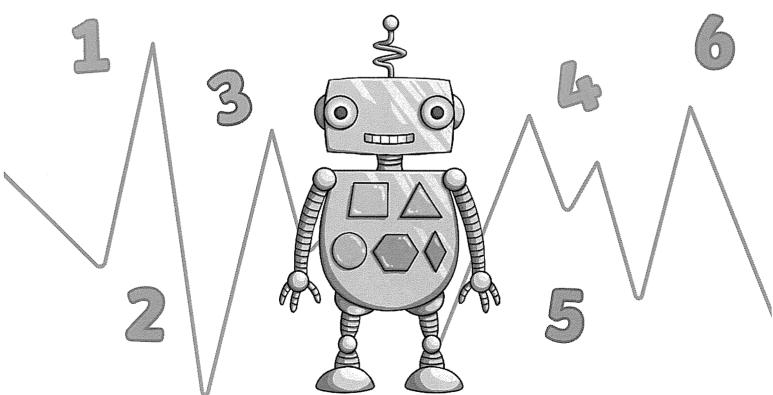




Can you create your own tricky addition and subtraction number patterns?

Don't forget to write down the rule!

My addition number po	ıttern rule:	
My number pattern is:		
My subtraction number	r pattern rule:	
My number pattern is:		



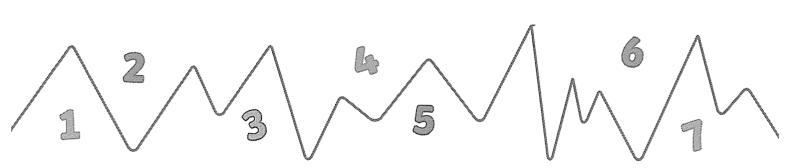


Identifying Number Pattern Rules

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.

9 19 24	Rule:
48 44 32	Rule:
99 90 72	Rule:
110 130 170	Rule:
107 97 67	Rule:
36 42 54	Rule:
24 36 48	Rule:
235 233 229	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:



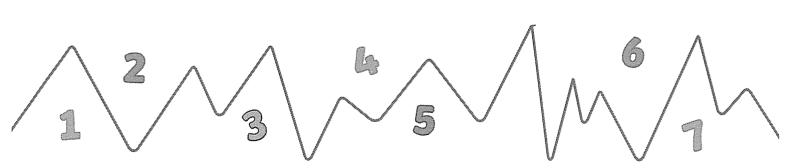


Identifying Number Pattern Rules

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.

30 60 75	Rule:
66 63 51	Rule:
249 244 229	Rule:
21 28 49	Rule:
72 60 48	Rule:
8 16 24	Rule:
132 140 148	Rule:
109 100 73	Rule:



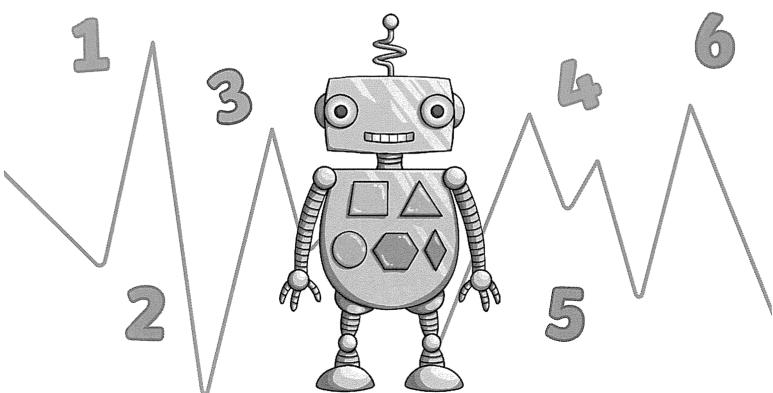




Can you create your own tricky addition and subtraction number patterns?

Don't forget to write down the rule!

My addition number po	ıttern rule:	
My number pattern is:		
My subtraction number	pattern rule:	***************************************
My number pattern is:		
		2





Growing Parkerns

Challenge Cards

Year 3-4



Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	1	7	6
Step	1	2	6

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	7	13	19
Step Blocks		2	CY)

Growing Patterns

Blocks		2	7
Step	1	2	က

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	**************************************		75
Step	~~!	Secretaria de la composição de la compos	3

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Blocks	9	11	16
Step	—	2	3 16

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Step Blocks 1 2 2 4 3 6	Blocks	2	7	9
	Step	***************************************		

Growing Patterns

Blocks	7	∞	12
Step	1	2	ಌ

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

***************************************		paramatan mangan mananan			
	Blocks	6	15	21	
	Step	—	2 15	**************************************	

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	Date (Charles of the Charles of the		6
Step		2	6

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Step Blocks	က	۲۵
Step	2	CY)

Growing Patterns

Blocks	9		14
Step	1	2	M

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	6	18	27
Step			SECURIOR DE LO COMPANION DE LO

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Blocks	5	20	35
Step	1	2	35

Growing Patterns

Use your pattern blocks to create and extend a pattern that follows the rule.

Step			
Blocks	2	8	14
Step	·	2	M

Growing Patterns

		2	18
Step	1	2	က

Continue the Number Patterns

I can continue patterns with fractions, decimals and whole numbers resulting from addition or subtraction (ACMNA107).

Continue each pattern and write down what the rule is. The first one has been done for you!

Whole Number Patterns:

Decimal Number Patterns:

Fraction Number Patterns:

6.
$$\frac{1}{2}$$
, 1, $1\frac{1}{2}$, , , 3, , 4, $4\frac{1}{2}$,

Create Your Own Patterns!

Whole number pattern: _____

The rule is: _____

Decimal number pattern: _____

The rule is: _____

Fraction number pattern: _____

The rule is:



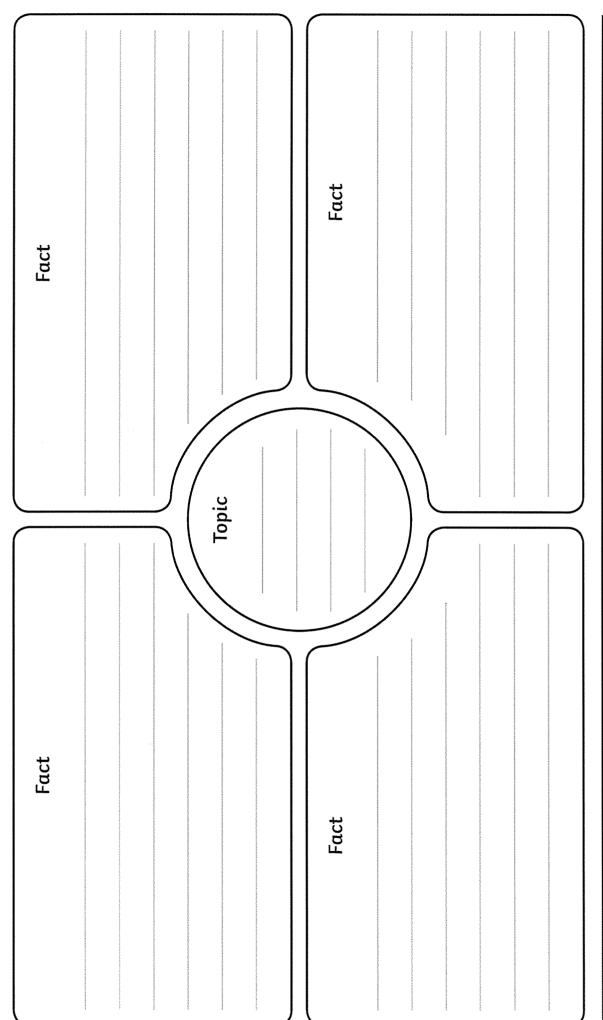
Science

Week 2 and 3

Over the next two weeks

Research one of the scientists who are in this booklet and write an information report about them.

Who are they? Where did they live? What type of Science did they research? What did they discover? What difference did they make to the world of science?







Carl Linnaeus

Carl Linnaeus is credited with organising and naming living things. He created the hierarchy for identifying, naming and classifying living organisms.





Isaac Newton

Sir Isaac Newton studied gravity and developed three laws of motion which now form the basis for physics studied today. He also discovered calculus which led into more powerful mathematical equations.





Indigenous Australians Nicolaus Copernicus Galileo Galilei

These people were all astronomers. Indigenous Australians were among the first astronomers. Copernicus thought that the Sun was the centre of the Solar System, not Earth. Galilei carefully watched moons through a telescope and proved that the Earth goes around the Sun.





Stephen Hawking

Stephen Hawking made many scientific theories which revolutionized the way physicists think about the universe. He discovered a type of radiation that can escape black holes. This is now called Hawking radiation.







Mary Shelley

Mary Shelley wrote the story 'Frankenstein' in 1818. Her story inspired people to think about robots, combining humans with machines and artificial body parts.





Nicholas Appert

Nicholas Appert discovered new ways to preserve food.





Alexander Fleming

Alexander Fleming discovered penicillin. Penicillin is a drug used to treat bacterial disease and helped to save many lives, especially in the Second World War.

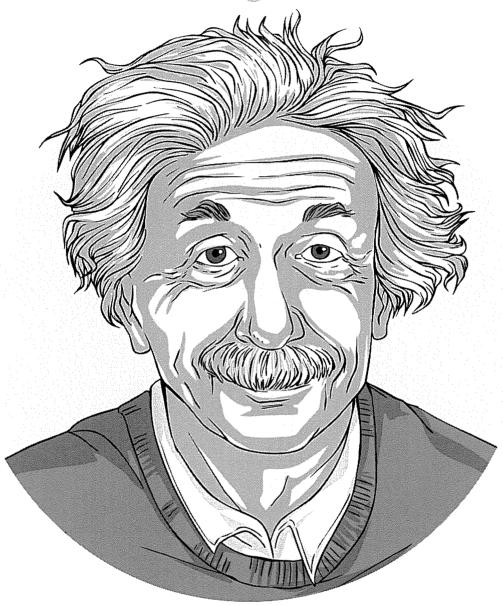




Marie Curie

Marie Curie discovered radioactivity which is used medically in x-rays, gamma rays, electron beams and to destroy cancer cells.





Albert Einstein

Albert Einstein made many discoveries but is most famous for his theory of relativity ($E = MC^2$).

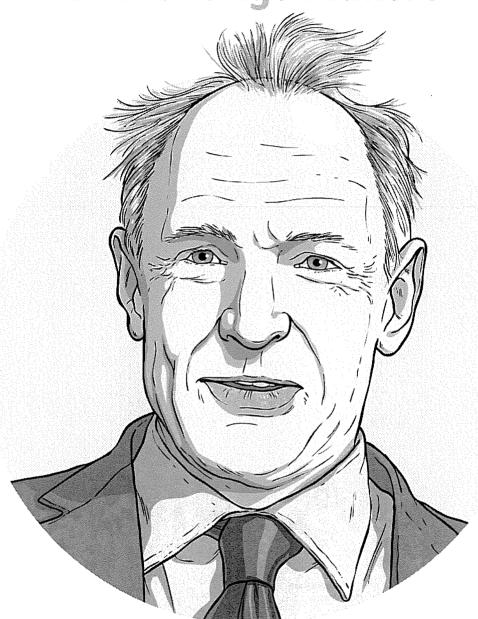




Orville and Wilbur Wright

Orville and Wilbur Wright were the first to build and fly a powered aircraft in controlled flights.





Timothy Berners-Lee

Sir Timothy Berners-Lee invented the World Wide Web and is still developing it today.





Jonas Salk

Jonas Salk developed the polio vaccine to fight polio, a crippling and infectious disease that was potentially deadly.

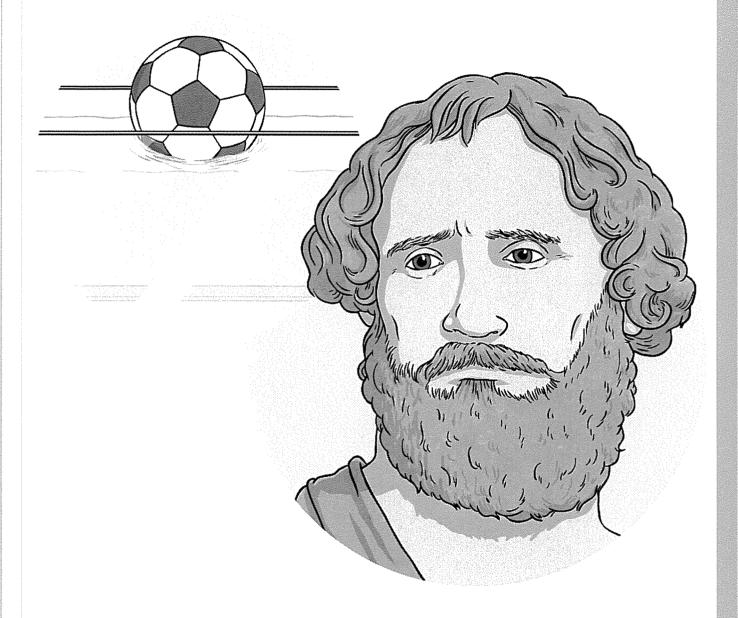




Ada Lovelace

Ada Lovelace was a mathematician and is considered the first computer programmer.

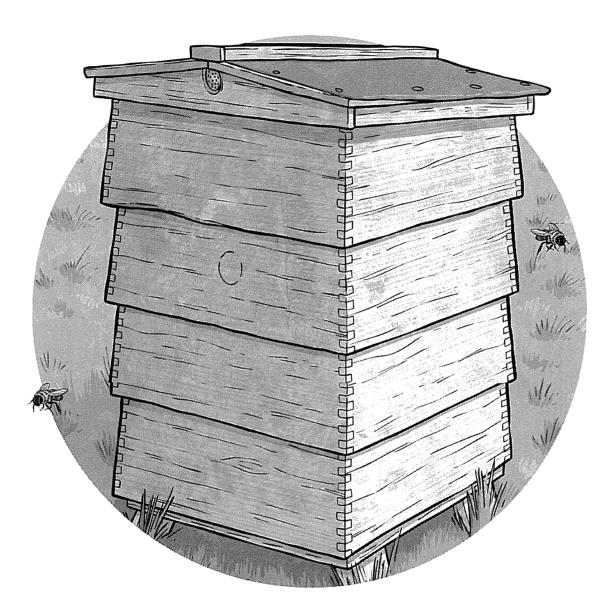




Archimedes

Archimedes discovered the answer to why things float or sink.





Lorenzo Langstroth

The beehive that we use today was invented in 1851 by Lorenzo Langstroth. He was an apiarist, clergyman and teacher. He is considered the father of American beekeeping.





Mary Anning

Mary Anning is one of the earliest fossil hunters and was the first person to uncover a full Ichthyosaurus skeleton. Anning discovered her first fossils while walking along the Dorset coast where she lived.





Rosalind Franklin

Rosalind Franklin is a British chemist who discovered the structure of DNA. She also did pioneering work on X-ray diffraction which is used to determine the structures of molecules such as DNA.



Game Changers and Change Makers



Katherine Johnson

Katherine Johnson was a mathematician who worked for NASA and calculated the flight paths of many spacecraft over the course of 30 years. Johnson was part of the team that calculated where and when to launch the rocket for the Apollo 11 mission in 1969 which sent the first three men to the moon.



Game Changers and Change Makers

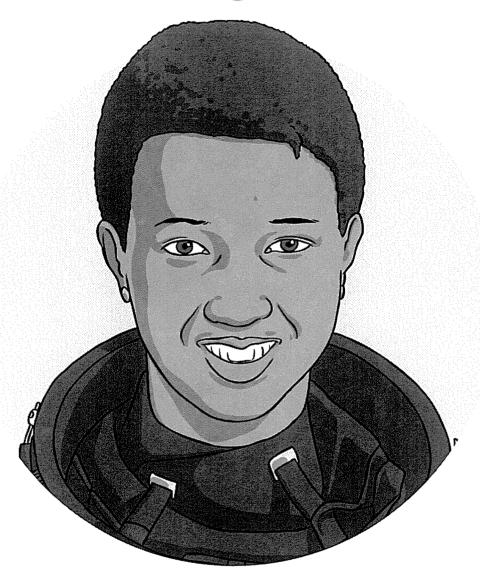


George Washington Carver

George Washington Carver was an American scientist and teacher who is famous for many agricultural discoveries and inventions. Born into slavery, Carver went on to become a brilliant botanist and later devised more than 300 ways in which to use the peanut.



Game Changers and Change Makers

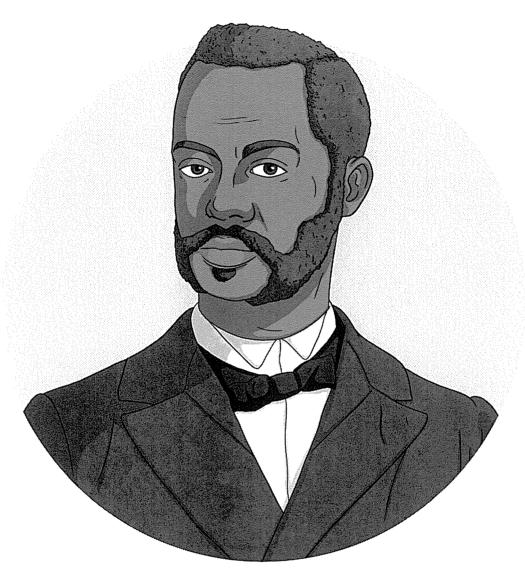


Mae Jemison

In 1992, Mae Jemison became the first African-American woman to travel to space. Jemison first trained as a doctor and worked as a medical officer for the Peace Corps. During her time in space, Jemison conducted lots of experiments, earning herself a number of awards such as the 1988 Essence Science and Technology Award.



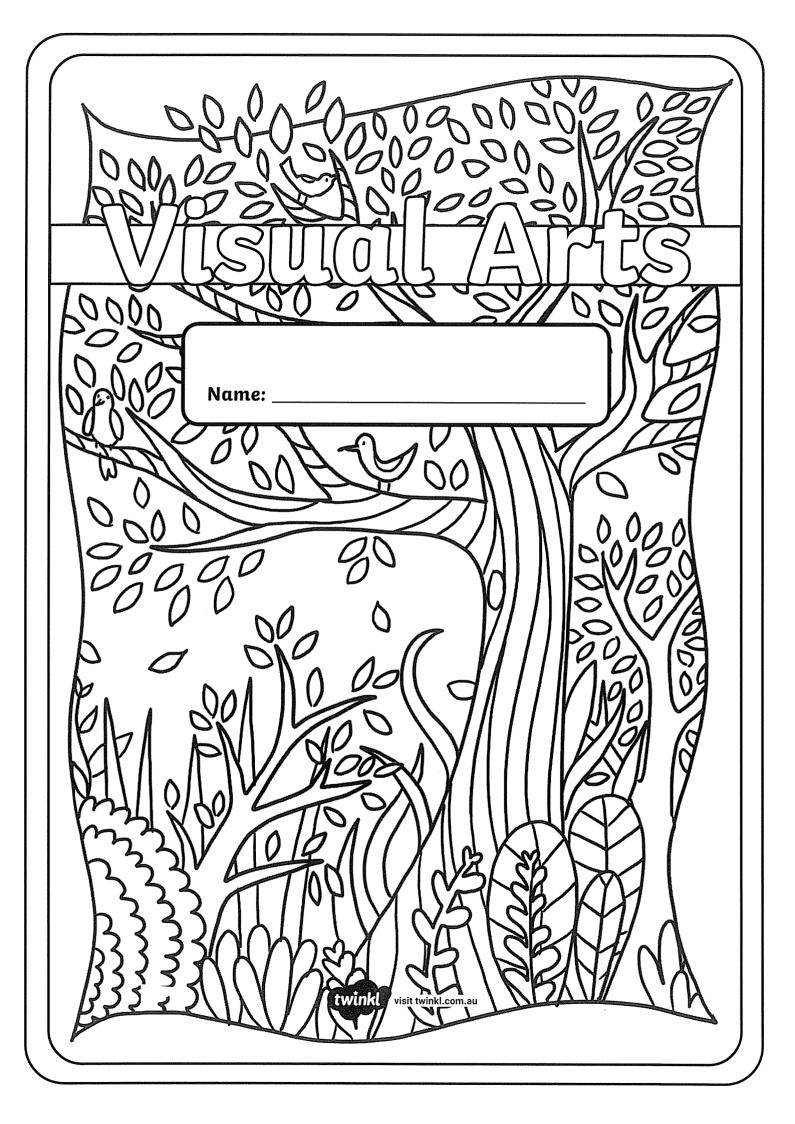
Game Changers and Change Makers



Charles H. Turner

Charles H. Turner was a behavioural scientist whose research focused on animal behaviour. Turner is most famous for his discovery that insects can hear. Through his research, he also found that honeybees could recognise colours and patterns and have some idea of time.





Week 3 - Package 1 - Year 3 & 4 Creative Arts- Where the Creatures Roam

Things your child will need

Have these things available so your child can complete this task.

Ideal

- Artwork previously created of a mythical creature
- Old, unused, clean and long sock, electrical, duct or masking tape, elastic bands
- Old paper such as newspaper or magazine pages
- Paints and paintbrushes

Back up

- Create an artwork of a mythical creature
- Unwanted fabric, sticky tape, hair ties
- Scrap paper
- Thick textas or additional fabrics

Before your child starts

Think about:

- What is sculpture?
- How can recycled materials be used to create a sculpture?
- What is figurative art?
- Do I have some materials that can be used to create a figurative sculpture of a mythical creature such as socks or other fabrics?



What your child needs to do

- 1. Replay the music of 'Where the Creatures Roam'. Discuss the mythical creatures described in the song.
- 2. Examine the artwork created by your child and ask them to describe their mythical creature.
- 3. Listen to their composition about their mythical creature and discuss more of the creature's features.

What your child can do next

- 1. Sing through 'Where the Creatures Roam' following the animated score. What musical notation tips have you learned through watching the score? For example, how many beats have you identified are in each bar?
- 2. Think about the characteristics of your mythical creature created earlier as an artwork.
- 3. <u>Watch this Introduction to Visual Arts video</u> to get some ideas for a 3D artwork. This will be a figurative sculpture, or a sculpture of a figure.
- 4. Create your mythical creature sculpture based upon your earlier creature or vary it if you would like to explore other options.
- 5. Decorate your sculpture and take a photo of it. Perhaps consider ways that you could explore filters and backgrounds within your photo to expand your creature's environment.

Options for your child

Activity too hard?

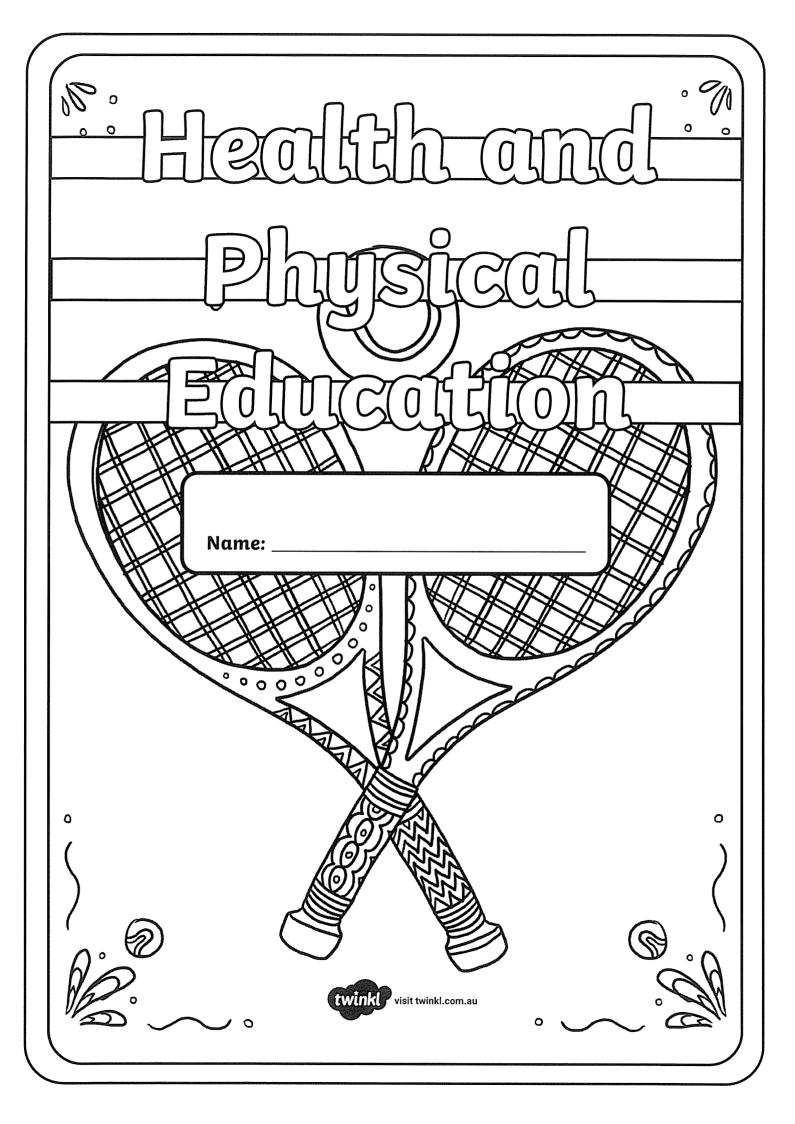
Create your mythical creature out of playdough or just by decorating the previously created artwork.

Activity too easy?

Create a habitat for the mythical creature perhaps as a diorama or a virtual background.

Extension/Additional activity

Use an app such as Stop Motion to create an environment and short film for the mythical creature. Create a storyboard or a narrative (story) for the creature first. This may include an adventure it goes on or a problem it must solve.



Teacher Notes

This activity is designed to help your students understand the character strengths and values of an Olympic athlete. The information below is a set of suggestions for how the activity can be used and completed.

Before

Prepare the activity sheet 'What do Olympic athletes need to succeed?'.

You may like to have a discussion with your students about what they have seen, heard and noticed when watching an Olympic sport or particular athletes. What skills or strengths did the athlete or athletes show?

During

Pose the question to your students 'What do Olympic athletes need to succeed?'. Before completing the attached activity, students watch the video either as a class or individually using the QR code provided. This will help students to understand what is involved in becoming an Olympic athlete.



It may be helpful for students to watch the video twice before recording their ideas on the 'What Do Olympic Athletes Need to Succeed' activity sheet.

After students have recorded their ideas, you may like to have a class discussion about what they noticed and what they feel are the key traits needed for an athlete to succeed. This could also be completed in pairs.

Possible responses may include:

- determination
- · courage
- resilience
- · hard work
- practice
- perseverance
- trust
- · self-belief

After

Encourage your students to share the findings they recorded on the 'What Do Olympic Athletes Need to Succeed' activity sheet in a creative way, such as word cloud or a collage. They could then be added to a classroom display.

Here are some useful word cloud builder tools you may wish to use:

https://www.abcya.com/games/word_clouds

Simply type the preferred words into the text box provided and click 'Generate' when complete. Students are then able to alter the colour and layout of their design.

https://worditout.com/word-cloud/create

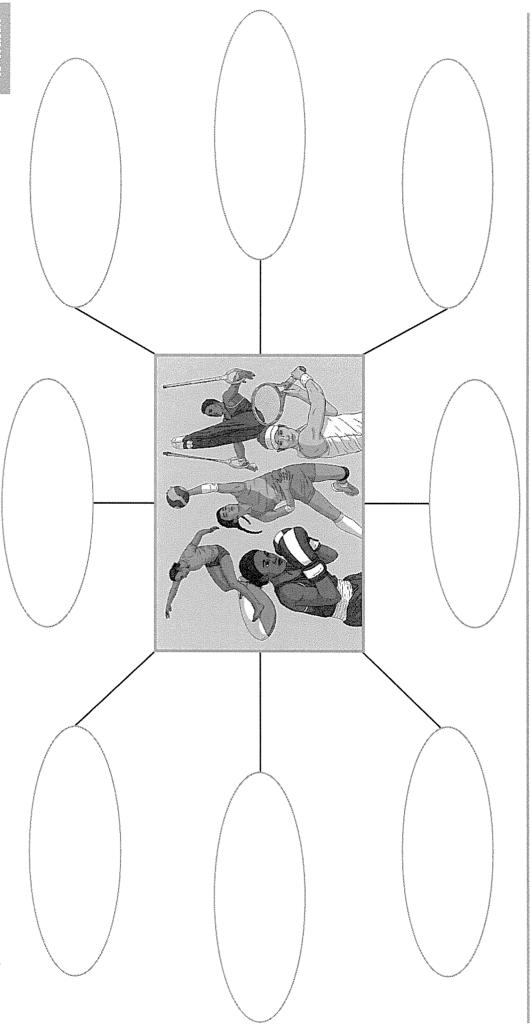
Simply type the preferred words into the text box provided and click 'Generate' when complete. Students are then able to alter the colour and layout of their design.





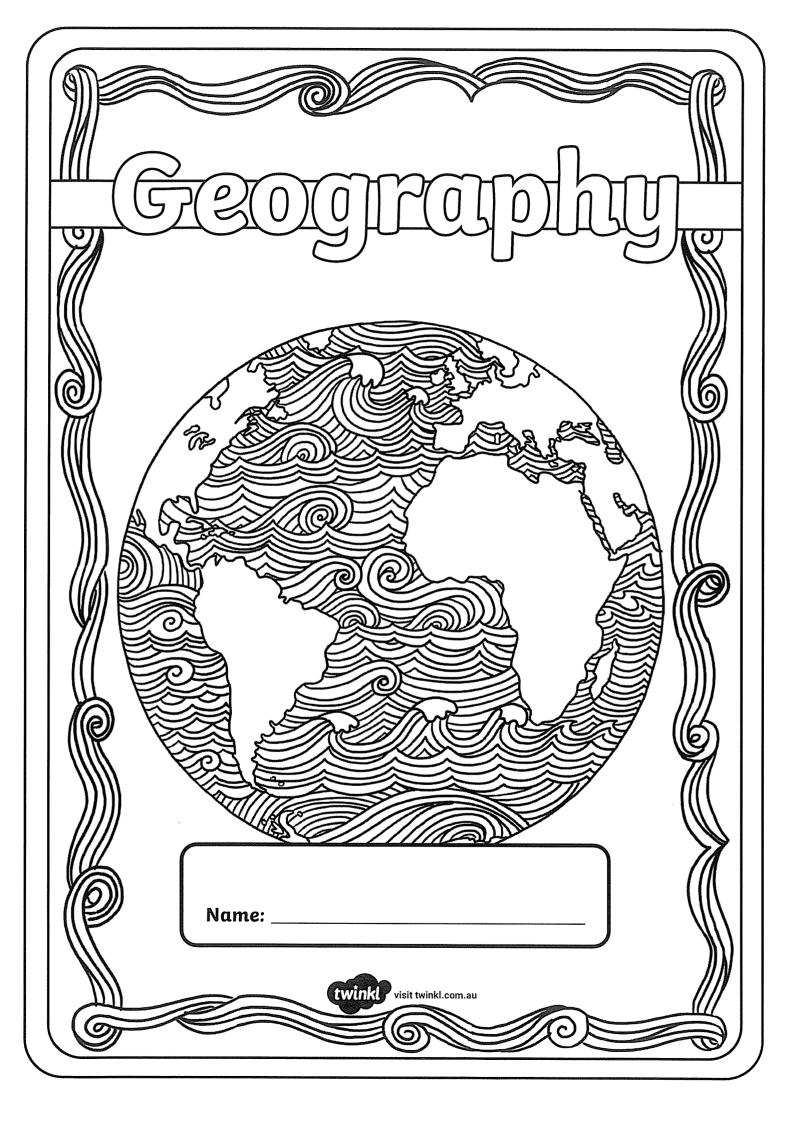
What Do Olympic Athletes Need to Succeed?

Watch the 'Athletes to Watch' video. What strengths or characteristics do you think an Olympian would need to succeed? Record your ideas in the bubbles below.





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Australia's Neighbours

Label the following countries on the map.

New Zealand Indonesia

East Timor

Papua New Guinea

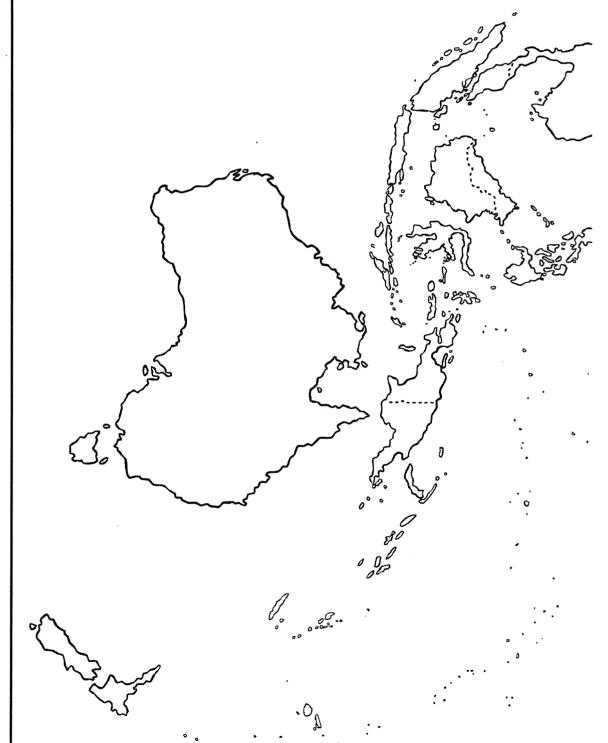
Samoa

New Caledonia

Vanuatu

Cook Islands

Solomon Islands Tonga





Australia's Neighbours

Compare and contrast Australia and a neighbouring country of your choice, using the headings in the table.

Topic	Australia Australia	
Capital City		
Population		
Prime Minister		
Sports		
Famous Landmarks		
Currency		





Australia's Neighbours Investigation

Exports	
Famous People	
Plants and Animals	
Topography	
Natural Disasters	
Climate	
People and Culture	
Traditional Foods	





Australia's Neighbours Investigation

Write five similarities and differences between the two countries.

Similarities

1.		

2.		
3.		
4.		
5.		
,		
	Differences	
1.		
2. .		
3		
4.		
-		
5. _.		



