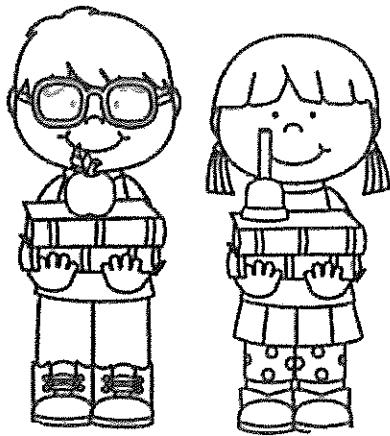


Home Learning Pack

Boggabri Public School



Year 3/4
Week 8

Name: _____

Hello boys and girls,

I hope that you are all keeping safe and happy. 😊

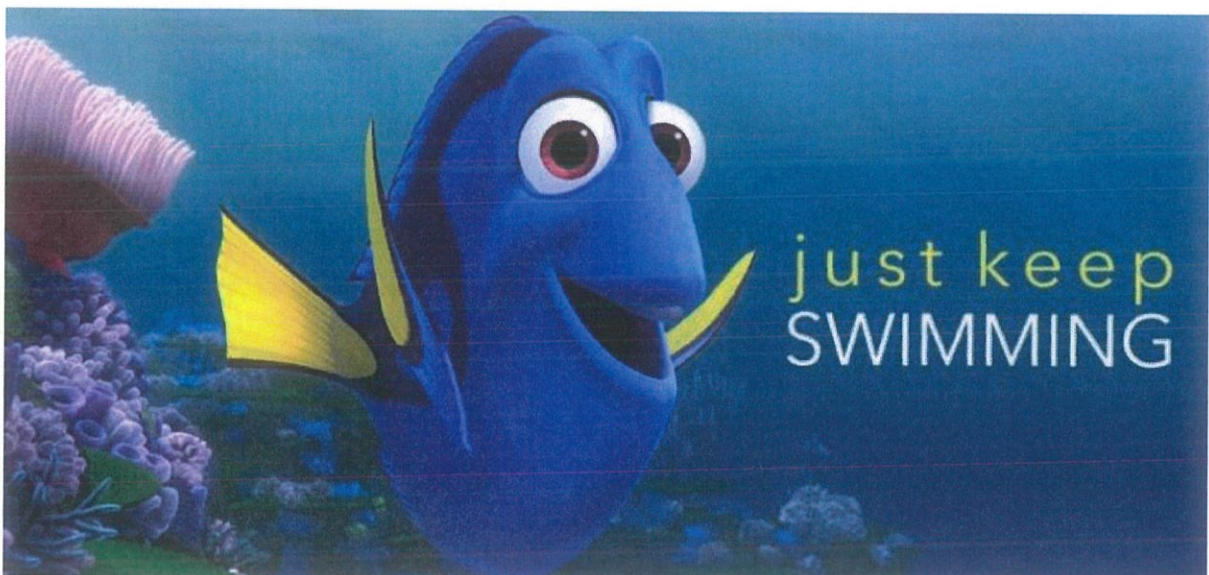
This week's learning is the same routine as last week. Each day you have a schedule of what tasks you need to complete. Make sure you tick them once you have finished.

If something is challenging or you need some extra explaining remember you have the option to call and I can try my best to help you.

This Sunday is Father's Day. I have put in a few activities for you to complete for your dad. You can choose to do these for an important male role model or friend or even your mum if you choose.

Keep up the good work!

Miss Ward 😊



Monday 30th August 2021

Tick your work once you have finished 😊

Soundwaves

Complete up to question 4 on your Soundwaves Sheet.

Q1 ☐ Q2 ☐ Q3 ☐ Q4 ☐

Comprehension

Read the passage and then answer the questions ☐

Writing

Plan your story using the planning page ☐

Complete the comic strip. ☐

Draw in the boxes and write what is happening on the lines below.

Mathematics

4 times tables ☐

Odd and Even Numbers ☐

History

A different way to celebrate ☐

How did you feel you went with today's learning?



Unit 26



v ve

vase sleeve

Year 3

List Words

loving _____
even _____
we've _____
river _____
move _____
drive _____
arrive _____
drove _____
leave _____
video _____
believe _____
favourite _____
November _____

1 Circle the letters that represent in the List Words.

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



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

4 Colour the rhyming words in each row.

love	above	glove	move	shove	dove
hive	drive	arrive	thrive	give	dive
cove	drove	prove	stove	rove	grove
leave	brave	weave	we've	receive	believe
river	shiver	driver	liver	quiver	sliver

5 Write contractions for these pairs of words.

Go to Helpful Hint **9**

we have _____ you have _____ they have _____

6 Underline two pairs of words that could be made into contractions in the sentence.
Rewrite the sentence changing the underlined words to contractions.

We have invited visitors and they have just arrived.

7 Rewrite these words adding s.

We often change f or fe on the end of word to ve and add s.

wife

knife

half

shelf

loaf

scarf

8 Write all the List Words starting with letters from a to n in alphabetical order.

1. _____ 2. _____ 3. _____ 4. _____ 5. _____
6. _____ 7. _____ 8. _____ 9. _____ 10. _____

Unit 26



v ve vase sleeve

Year 4

List Words

never _____
eleventh _____
seventh _____
seventeen _____
heavy _____
heavier _____
evening _____
invite _____
travel _____
lovely _____
knives _____
believe _____
favourite _____
themselves _____

1 Circle the letters that represent in the List Words.

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

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

4 Follow the pattern to finish the columns. Finish the sentences with your words.
✚ If a word ends with a consonant and y, we usually change y to i before we add er or est.
➡ Go to Helpful Hint 17.

Grapheme Chart

letters	words

Describing 1	Comparing 2	Comparing 3 or more
funny	funnier	funniest
lovely		
heavy		

The daisies are lovely. The roses are even _____.

The orchids are the _____ of all.

My bag is heavy. Yours is even _____. Kevin's bag is the _____ of all.

5 Write the pairs of words that have been contracted into these words.
➡ Go to Helpful Hint 8.

I've _____ we've _____ you've _____
you're _____ they've _____ haven't _____

6 Circle the 5 pairs of words that can shorten to contractions. Rewrite the sentences changing the circled words to contractions.

We have invited our favourite friends to visit this evening. They have travelled by themselves to places you have visited. You are invited too. I have never travelled by myself.

Not a Good Day

Some words to practice before reading the passage:

bright, eyes, snooze, school, homework, downstairs, kitchen, brother, banana, something, night, late, button, clock

Beep! Beep! Beep! I sit up in bed, the sun bright in my still sleepy eyes. I tap the snooze button on the clock next to my bed. Just a few more... Oh no! That was not a good idea, now I am going to be late!

I put on my school dress, put my homework into my bag and go downstairs. In the kitchen, Mum is at the sink and my baby brother is playing with bits of egg and toast. The rest of his eggs are on the wall and the floor. Not good. "Do you want some eggs Pip? Or just toast?" Mum asks.

"No thanks." I say, "I need to go."

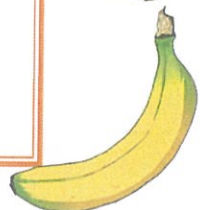
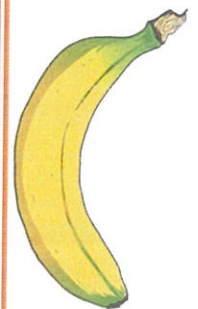
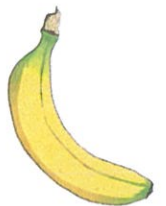
"You need to eat something Pip!"

"I will." I grab a banana. Mum looks, frowning, but says nothing. I just keep going, I need to get to school.

I put the banana into my bag and set it on my back. As I rush out the door...Whack! I walk right into Dad, who is just getting back from his night shift. I fall onto my back, right on top of my school bag. Oh no! My homework is in there...with the banana. "Oh, sorry Pip!" says Dad. He helps me up and I look in my school bag.

"Oh, man!" I say. It is a mess. And my homework? Yuk! Oh well, I need to keep going. I cannot miss the bus. Not today. "Bye Dad!" I yell as I start running. I run for the bus stop, which is just at the end of my street. By the time I get there, it is too late. Oh no.

Today is not going to be a good day.



Comprehension Questions for 'Not a Good Day'

1. Why is Pip running late this morning? _____

2. Why do you think mum frowned at Pip when she took the banana for her breakfast? _____

3. Where has Dad been? _____

4. Why do you think Pip is so desperate to get to school today? _____

5. How do you think Pip will get to school now that she has missed the bus?

6. Make some predictions. What do you think will happen next in this story?

Pick one of the pictures below as an idea for your story. Complete this planning page and then turn your story into a comic strip.



Who? _____

Where? _____

What was the problem? _____

How was it solved? _____

End: _____

4 Times Table Activities

Count in 4s and colour in the grid:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Work out these answers:

a) $4 \times 4 =$ _____

g) $7 \times 4 =$ _____

b) $3 \times 4 =$ _____

h) $1 \times 4 =$ _____

c) $5 \times 4 =$ _____

i) $11 \times 4 =$ _____

d) $2 \times 4 =$ _____

j) $8 \times 4 =$ _____


e) $9 \times 4 =$ _____

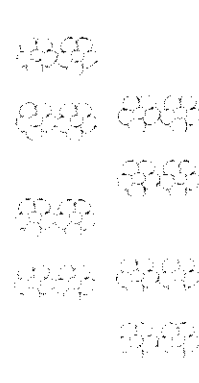
k) $10 \times 4 =$ _____

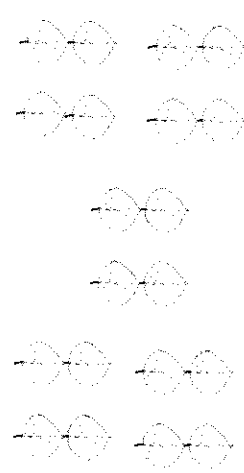
f) $6 \times 4 =$ _____

l) $12 \times 4 =$ _____

How many different leaves are there? Count in groups of 4 and write out the calculation.

a)  _____ \times _____ = _____

b)  _____ \times _____ = _____

c)  _____ \times _____ = _____

Odd and Even Numbers

Lesson Objective: We are going to investigate what happens when odd and even numbers are added.

Even numbers end in: 0, 2, 4, 6, 8

Odd numbers end in: 1, 3, 5, 7, 9

Are these numbers odd or even?

$$37 = \underline{\hspace{2cm}} \quad 46 = \underline{\hspace{2cm}}$$

$$12 = \underline{\hspace{2cm}} \quad 26 = \underline{\hspace{2cm}}$$

$$104 = \underline{\hspace{2cm}} \quad 338 = \underline{\hspace{2cm}}$$

A pattern occurs when we add together the following combinations

Even + Even = Even

Even + Odd = Odd

Odd + Odd = Even

Eg. $\begin{array}{c} \downarrow \quad \downarrow \quad \swarrow \\ 12 + 4 = 16 \end{array}$

$$\begin{array}{c} \downarrow \quad \downarrow \quad \downarrow \\ 16 + 7 = 23 \end{array}$$

$$\begin{array}{c} \downarrow \quad \downarrow \quad \downarrow \\ 7 + 3 = 10 \end{array}$$

Have a go below and test this theory!

Hint: Use items you have at home to help add.

1. $10 + 4 = \underline{\hspace{2cm}}$

2. $13 + 6 = \underline{\hspace{2cm}}$

$$\begin{array}{c} \downarrow \quad \downarrow \\ \text{Even} + \text{Even} = \underline{\hspace{2cm}} \end{array}$$

$$\text{Odd} + \text{Even} = \underline{\hspace{2cm}}$$

3. $24 + 7 = \underline{\hspace{2cm}}$

4. $77 + 17 = \underline{\hspace{2cm}}$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

5. Try your own.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6. Complete worksheet.

Odd and Even Number Patterns

Everyone

Place each question into the correct column.

even	odd

1+5	1+3	1+6	2+2	7+1
2+8	4+3	5+5	9+0	1+1
2+5	1+8	4+4	6+4	3+3

Mini Challenge

Will the answers to the questions be odd or even.

- | | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 1. $21 +$
<u>17</u> | 2. $32 +$
<u>14</u> | 3. $11 +$
<u>14</u> | 4. $45 +$
<u>21</u> | 5. $33 +$
<u>13</u> | 6. $52 +$
<u>24</u> |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

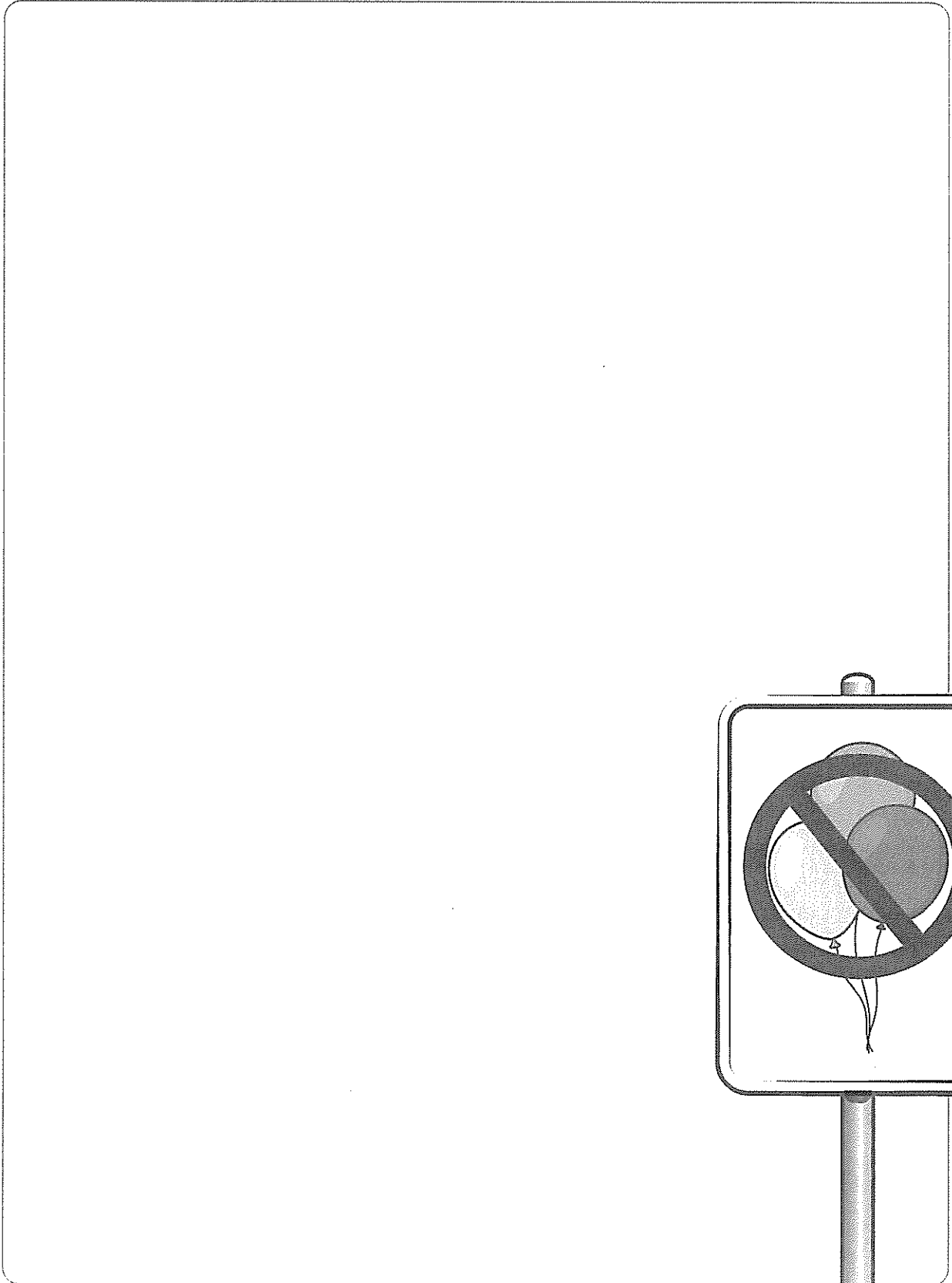
Odd/Even _____

Super Challenge

What is the missing number and operation. (+ or -)

26	41	75	89	21	14	30
—	—	—	—	—	—	—
30	47	21	29	12	18	42

- 6** To celebrate Australia day, we often have firework displays and balloons. These are considered as bad for the environment. Think of different and more environmentally friendly ways to mark a celebration.



A large rectangular box for drawing, with a 'no balloons' sign in the bottom right corner. The sign is a square with rounded corners, containing a circle with a diagonal slash over a drawing of two balloons. The sign is mounted on a vertical pole.

Tuesday 31st August 2021

Tick your work once you have finished 😊

Soundwaves

Complete the rest of the page on your Soundwaves sheet
Sheet.

Q6 ☐ Q7 ☐ Q8 ☐

Guided Reading Tasks

Vase ☐

Handwriting ☐

Where I live- Plan a trip for a visitor ☐

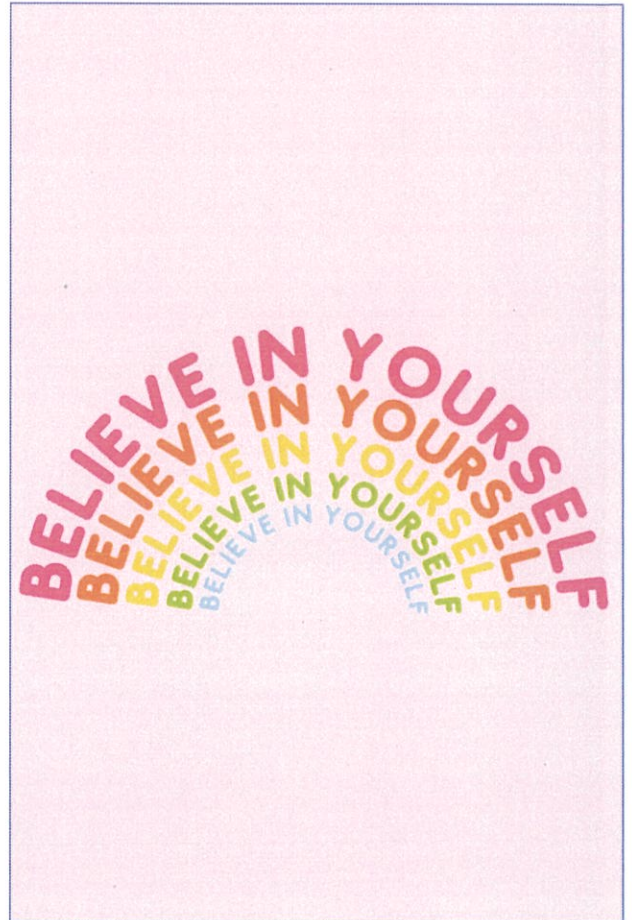
Mathematics

5 times tables ☐

Patterns using shapes ☐

PDH

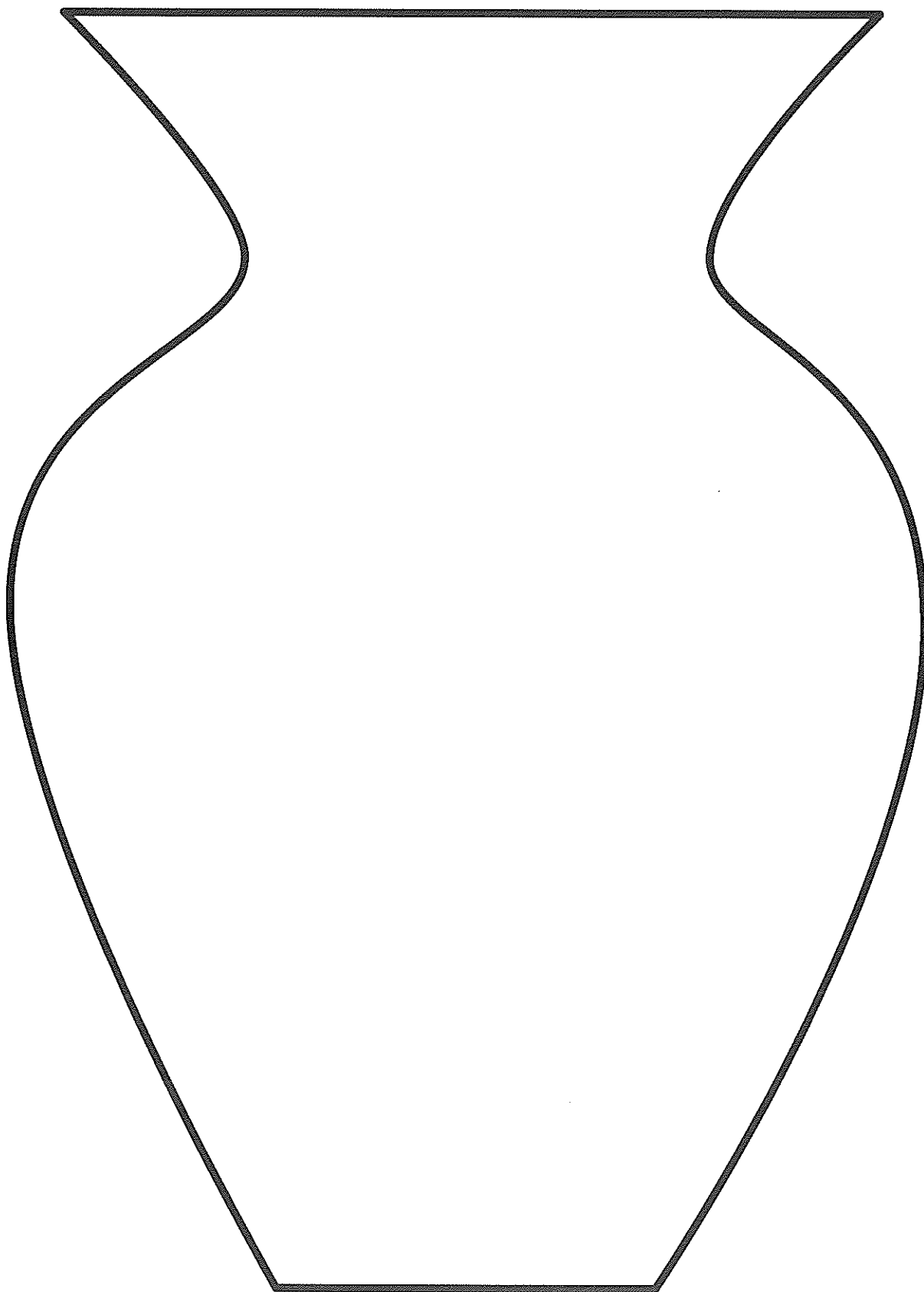
My affirmations ☐



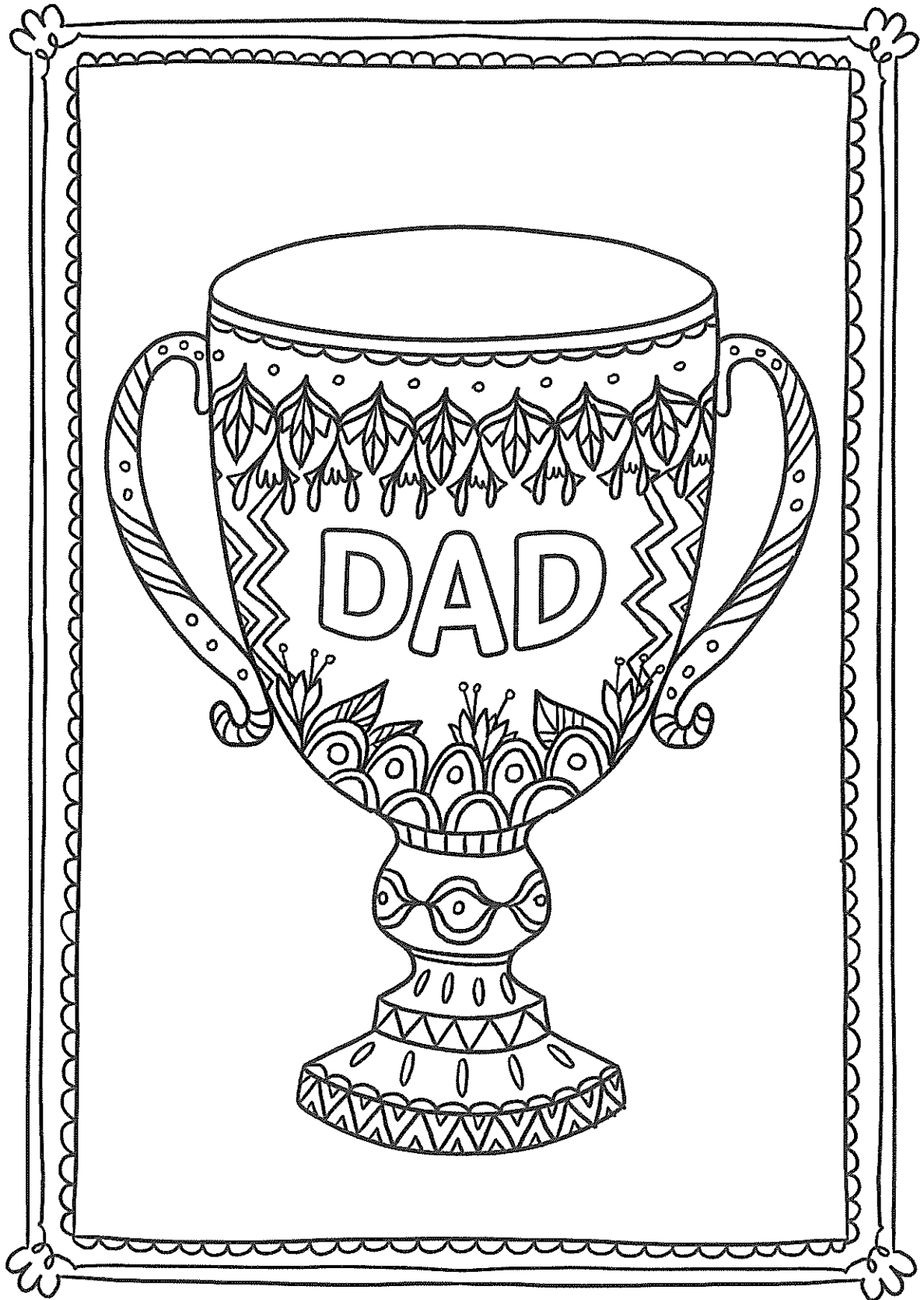
How did you feel you went with today's learning?



Use your list words to create
sentences



Father's Day

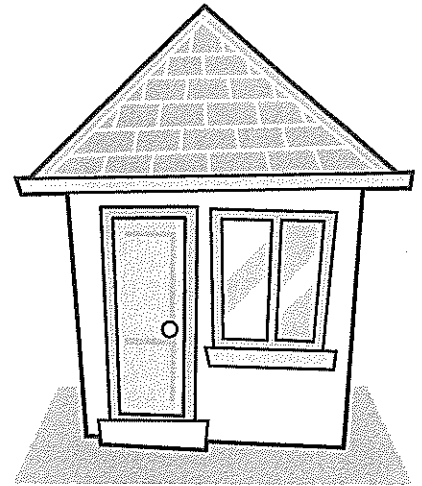


Father's Day

Father's Day is held in Australia on the first Sunday of September and was inspired by Mother's Day celebrations. It is a time to show our appreciation for fathers, grandfathers and other important men in our lives. Popular Father's Day gifts are cards, chocolates and clothing. Families will often celebrate the occasion with lunch or a day out together.

Where I Live

You have a visitor from a country on another continent, who doesn't know anything about where you live.



Plan three days with trips to:

1. historical sites – old buildings, museums, Aboriginal sites
2. places of natural beauty – beaches, rivers, lakes, mountains, lookouts, islands, deserts, rainforests, national parks
3. places that show local plant and animal life – zoos, wildlife parks, parks, the bush, farms, aquariums
4. fun entertainment places – theme parks, movie theatres, live theatres
5. sports activities – football, basketball, netball, softball, cricket, lifesaving
6. local eating places – take away outlets, restaurants, cafès, barbecue/picnic spots
7. cultural places – art galleries, the Mint, local/state/national government buildings.

5 Times Table Activities

Count in 5s and colour in the grid:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Work out these answers:

a) $2 \times 5 =$ _____

d) $6 \times 5 =$ _____

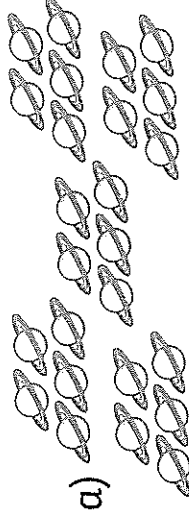
b) $4 \times 5 =$ _____

e) $7 \times 5 =$ _____

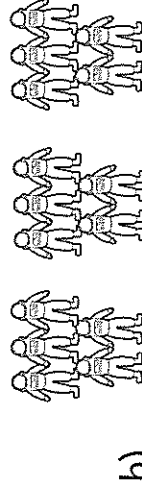
c) $5 \times 5 =$ _____

f) $12 \times 5 =$ _____

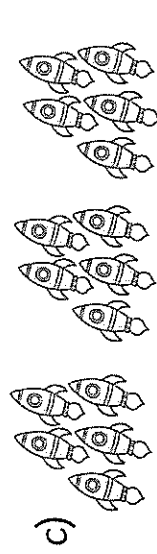
How many are there?



_____ \times _____ = _____



_____ \times _____ = _____



_____ \times _____ = _____

Patterns Using Shapes

Lesson Objective: To Use shapes to represent number patterns.

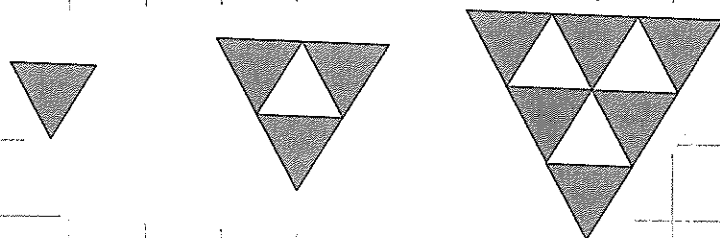
We can use shapes to show patterns.

Eg. $\bigcirc \triangle \bigcirc \triangle \bigcirc \triangle$

Make your own pattern below using shapes.

①

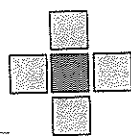
Shapes can also be used to show patterns that grow.



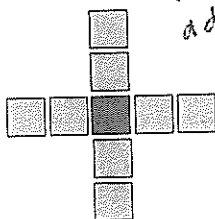
— This pattern adds one shape each time.

To continue the pattern I first have to look at what it is growing by.

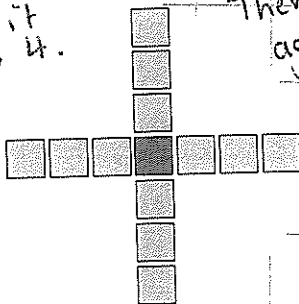
This pattern starts with 5



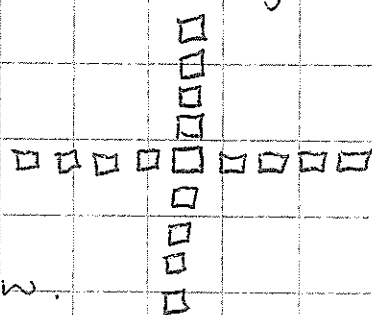
Then it adds 4.



Then 4 again.

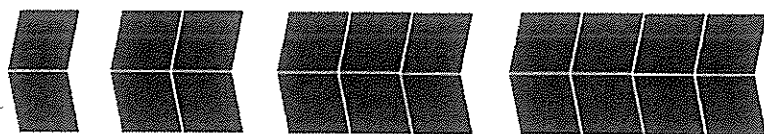


To continue it I will have to add 4 again.

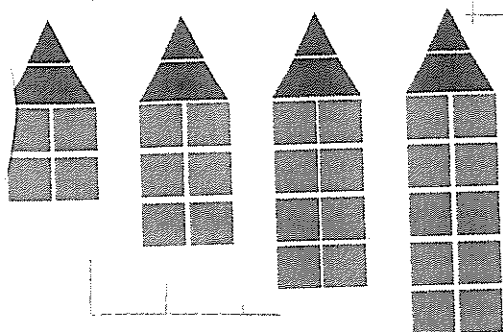


Have a go at continuing the patterns below.

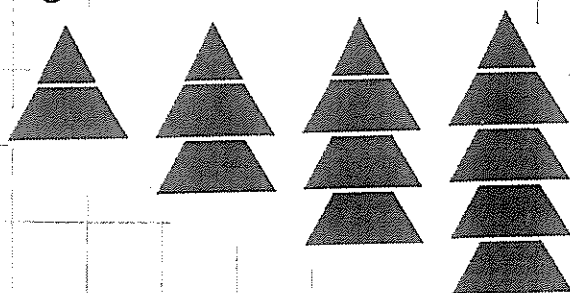
②



③



④



Using lego blocks, paddle pop sticks or shapes that you have at home create a growing pattern. You can either draw what you have made below or take a picture and paste it here. Have fun! 😊

Affirmations Collage

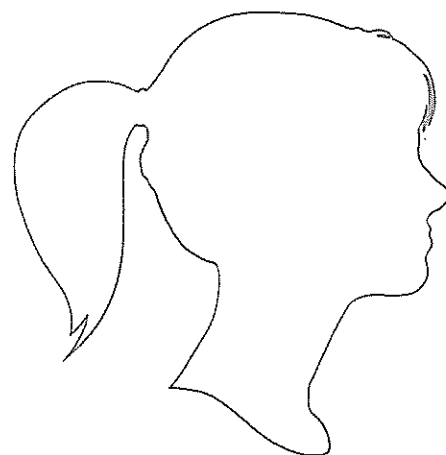
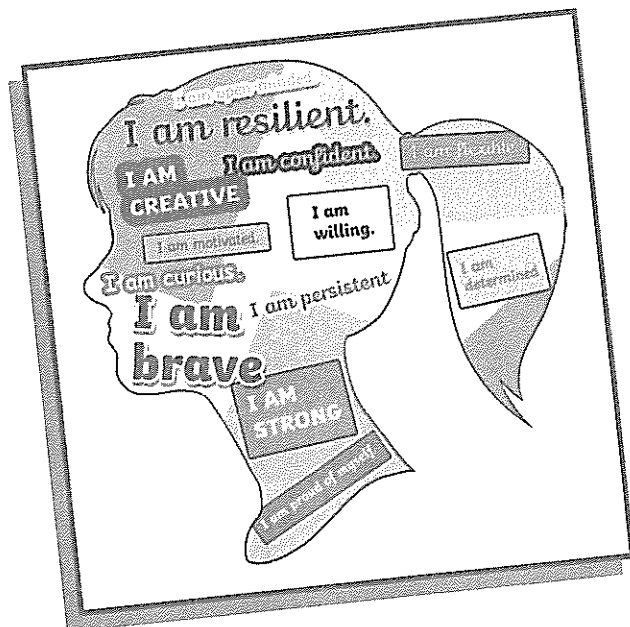
Affirmations are positive statements we make about ourselves. Affirmations are a powerful tool that can help to build self confidence or cheer us up when we're feeling down.

Read through the affirmations below before creating a personalised affirmations collage on the following page. Try to include at least 5 affirmations in your collage and then fill in the gaps with drawings of things that make you happy.

Affirmations

I am resilient.
I am creative.
I am willing.
I am flexible.
I am determined.
I am persistent.
I am curious.
I am open-minded.
I am brave.
I am motivated.
I am confident.
I am strong.
I am proud of myself.
I am loved.
I am grateful.
I am deserving.
I am important.
I am happy.

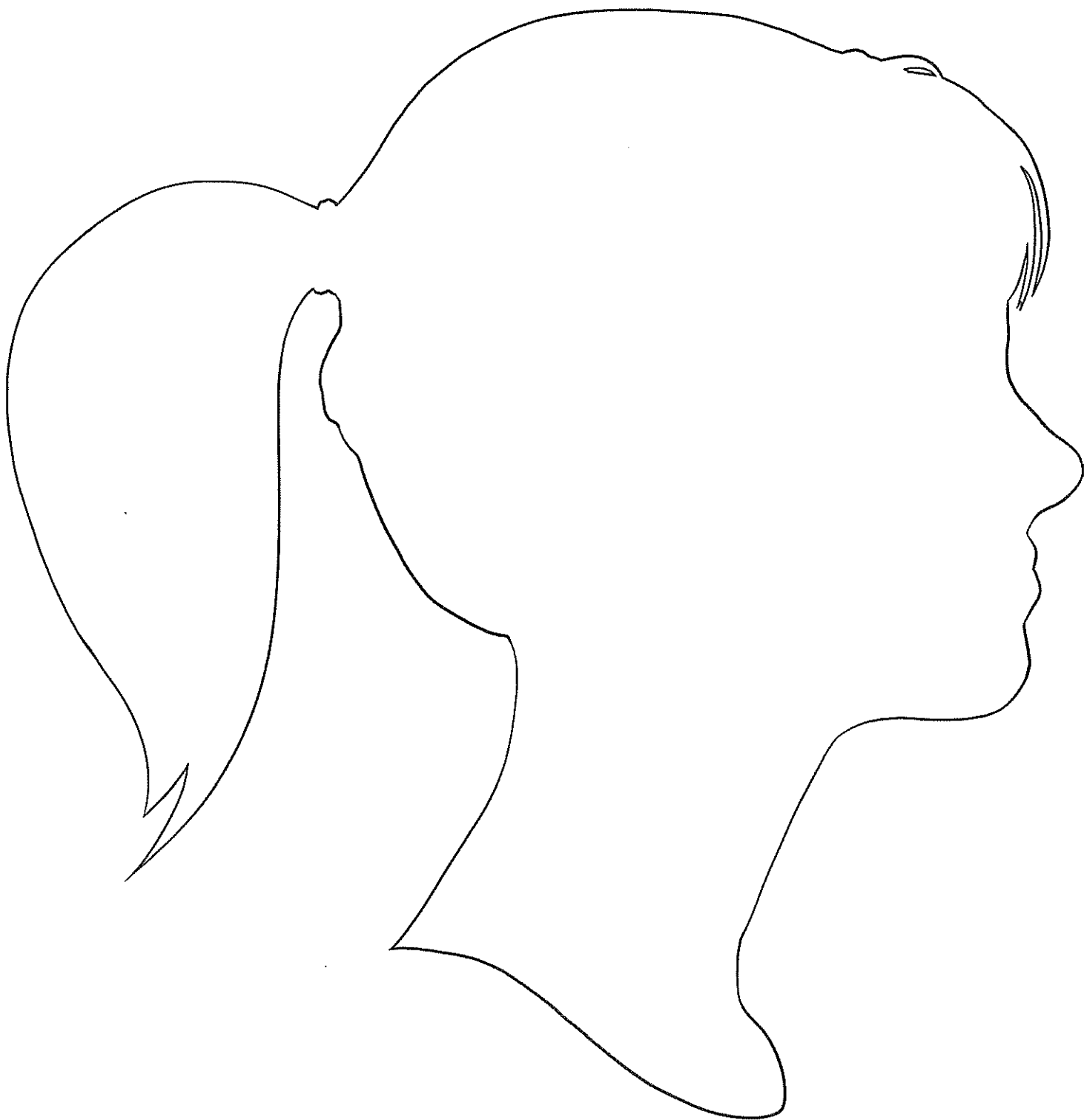
I am worthy.
I am thankful.
I am unique.
I am caring.
I am a great friend.
I am a great person.
I am the best at being me.
I am in charge of my destiny.
I am perfect just the way I am.
I belong.
I believe in myself.
I forgive myself.
I deserve to be happy.
I matter.
I can do this.
I love myself.
I am worthy of love.
I have the power to create change.



My Affirmations



My Affirmations



Wednesday 1st September 2021

Tick your work once you have finished 😊

Soundwaves

Complete up to question 4 on your Soundwaves Sheet.

Q1 ☐ Q2 ☐ Q3 ☐ Q4 ☐

Writing

My Father Poem ☐

You can change this to an important male role

model like a grandpa or friend or even mum if you like 😊

Mathematics

6 times Tables ☐

Patterns using shapes ☐

Science

Mrs Watt's science tasks ☐

Be the
reason
someone
smiles
today.

How did you feel you went with today's learning?





w wh u web whale queen



List Words

wish _____
 which _____
 while _____
 walk _____
 white _____
 window _____
 quit _____
 quiz _____
 swish _____
 twist _____
 wonderful _____
 Wednesday _____

1 Circle the letters that represent in the List Words.

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

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

4 Read the clues. Finish the words.

★ Your dictionary will help you.

qu _ _ _ no noise

qu _ _ a test

qu _ _ to stop

squ _ _ _ scrunch up

squ _ _ _ mice noise

qu _ _ _ _ to argue

qu _ _ _ cover for a bed

squ _ _ _ 4-sided plane shape

squ _ _ _ spray water

squ _ _ creature with tentacles

5 Write letters **wh**, **sw** or **tw** to finish these words.

★ Your dictionary will help you.

_ _ _ite _ _ _elve _ _ _enty _ _ _ile _ _ _ist _ _ _itch _ _ _ich _ _ _ag

_ _ _ept _ _ _ung _ _ _inkle _ _ _ift _ _ _ice _ _ _itch _ _ _ish _ _ _ap

6 Match words from the box with the prefixes to make new words. Use each word once only.

fix ward
 wind head
 winter market
 understand write

un _ _ _ _ _

up _ _ _ _ _

over _ _ _ _ _

super _ _ _ _ _

mid _ _ _ _ _

mis _ _ _ _ _

pre _ _ _ _ _

re _ _ _ _ _

Challenge

Crack the code to read the riddle.

a	b	c	d	e	f	g	h	i	j	k	l	m
n	o	p	q	r	s	t	u	v	w	x	y	z

Question Jung unf rvtug yrtf ba n pbzchgre?

Answer N fcvqre ybbxvat sbe n arj jro fvgr



w wh u web whale queen



List Words

water _____
 which _____
 weekend _____
 sandwich _____
 won't _____
 without _____
 woman _____
 towards _____
 upwards _____
 square _____
 question _____

1 Circle the letters that represent in the List Words.

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

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

4 Read the words at the top of each column to decide which verb to write.

Today I	Yesterday I	I have	I am
water	watered	watered	watering
go	went		
wind		wound	
win	won		
wake		woken	

Grapheme Chart

letters	words

5 Write words ending with the suffix **ward** or **wards** that have the following meanings.

The suffix **ward** or **wards** can mean *towards* or *in the direction of*. For example, **backwards** means *towards the back*.

towards north _____ toward the wind _____

in the direction up _____ in the direction of down _____

Challenge Colour all the singular words in the list and the plural forms of those words in the Word Search. Some words share letters. The words go . Go to Helpful Hints **9**, **5a**, and **5c**.

Singular

Plural

self _____
 question _____
 knife _____
 sandwich _____
 loaf _____
 square _____
 thief _____
 woman _____
 life _____

w	o	m	a	n	w	o	e	f	i	n	k	s	s	w	f	t
s	e	h	c	i	w	d	n	a	s	!	e	e	e	e	w	h
s	e	r	a	u	q	s	h	l	a	r	v	t	i	l	a	i
l	o	a	v	e	s	c	i	h	a	l	a	h	m	p	f	e
s	e	v	i	l	!	f	q	u	e	s	t	i	o	n	s	v
n	o	i	t	s	e	u	q	s	a	n	d	w	i	c	h	e
k	n	i	v	e	s	s	f	a	o	l	n	e	m	o	w	s

Hidden Words _____

My Father

Abstract noun poems are very interesting. They incorporate our senses into poems. Here is a breakdown of how an abstract noun poem is written:

1st line: Colour

Here! Check these examples out!

He's the colour of the brightest star.

2nd line: Smell

He smells like fresh aftershave.

3rd line: Taste

He tastes like a sausage sandwich.

4th line: Sound

He sounds like the birds chirping in the trees.

5th line: Feel

He feels like a big warm hug.

6th line: Looks like

He looks like a knight in shining armour.

7th line: Where it lives or can be found

He lives inside my heart.

Dad

This image shows a blank sheet of white paper with ten horizontal blue ruling lines. In the bottom right corner, there is a small, detailed illustration of a golden trophy cup or urn. The cup has a flared base, a decorative body with embossed patterns, a curved handle on the left, and a lid with a small finial on top.

6 Times Table Activities

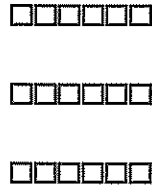
Work out these answers:


a) $2 \times 6 =$ _____ d) $8 \times 6 =$ _____

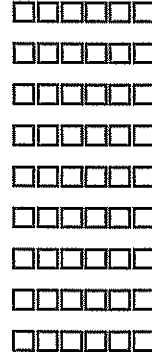
b) $12 \times 6 =$ _____ e) $7 \times 6 =$ _____

c) $5 \times 6 =$ _____ f) $6 \times 6 =$ _____

How many blocks are there?

a)  _____ \times _____ = _____

b)  _____ \times _____ = _____

c)  _____ \times _____ = _____

Count in 6s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

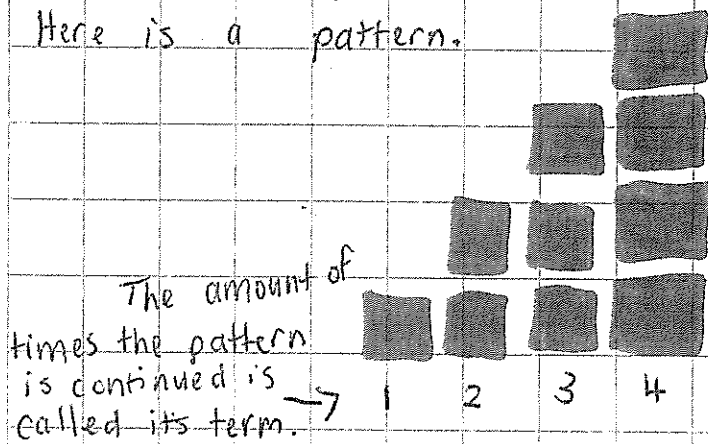
Patterns using Shapes

Lesson Objective: To use shapes to represent number patterns.

Vesterday we looked at growing number patterns.

We are going to use our knowledge from yesterday to help us today!

Here is a pattern.



I'm going to use a table to help me find the next term.

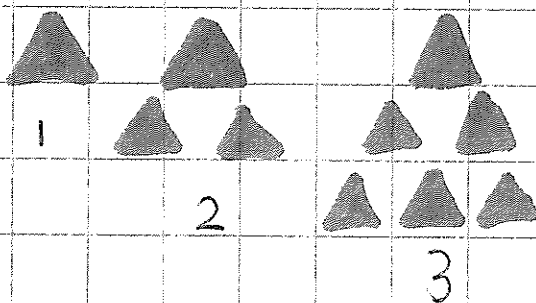
Term	Blocks	Change
1	1	
2	2	+ 1
3	3	+ 1
4	4	+ 1
5	?	↗

That means I need to add 1 to the last term to find the next

$$4 + 1 = 5$$

Using the table I can easily see the pattern is going up by 1.

Have a go below



Draw the next term

4

Term	Triangles	Change
1		
2		
3		
4		
5		
6		
7		

Complete following task.

Fill in the table. Draw it if you need



Patterns Using Shapes

1. Use lego blocks, paddle pop sticks or shapes that you have at home create the following growing patterns.

Growing Patterns

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

Step	Blocks
1	1
2	4
3	9

Growing Patterns

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

Step	Blocks
1	3
2	5
3	7

Growing Patterns

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

Step	Blocks
1	8
2	16
3	24

Growing Patterns

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

Step	Blocks
1	2
2	4
3	6

2. Create your own growing pattern and complete the table.

Term	Blocks	Change

Year 3/4 Science with Mrs Watt

Hello Years 3/4 and parents,

I hope you are going well at home.

We are going to continue to focus on the sun, it's size and movement.

Remember that the sun could fit 1.3 million earths inside it, or another way of thinking is; if the sun is a big yoga exercise ball (1m) then the earth is the size of a pea (9mm) and the moon would be a dot on the whiteboard (2.5mm).

Remember the sun looks small to us is that it is about 150 million km from earth.

By now you should know that the earth orbits (revolves around) the sun and takes one year (365 days) to orbit the sun. Another fact you should know is that the earth rotates on an axis as it orbits around the sun. It takes one day (24 hours) to do a full rotation around its axes. When your side of the earth where you live faces the sun, it is day and when it doesn't it is night.

We can see the movement of the sun across our skies each day from sunrise in the east to sunset in the west.

Go outside to a sunny spot and with some chalk draw where your feet are and your shadow and then go out a couple of hours later and stand in the same feet spot and draw your new shadow position. Has it moved? And Why?

Please follow the instructions on the next sheet in the booklet titled "The cosmic dance of the sun, earth and moon". This activity clearly demonstrates the movement of the earth around the sun and the moon around the earth.

Extra: Reading tables worksheet and Putting planets in order.

Don't forget the whole school **Engineering challenge** of building a tower out of Lego, blocks, cardboard boxes or whatever you have at home and measuring it and taking a photo of you with your tower and emailing it to me

janet.watt@det.nsw.edu.au.

Have a great week.

Kind Regards,

Mrs Janet Watt 😊

THE COSMIC DANCE OF THE SUN, EARTH AND MOON

INSTRUCTIONS

AIM

To create a model which demonstrates the interplay of the sun, planet Earth and the moon.

MATERIALS

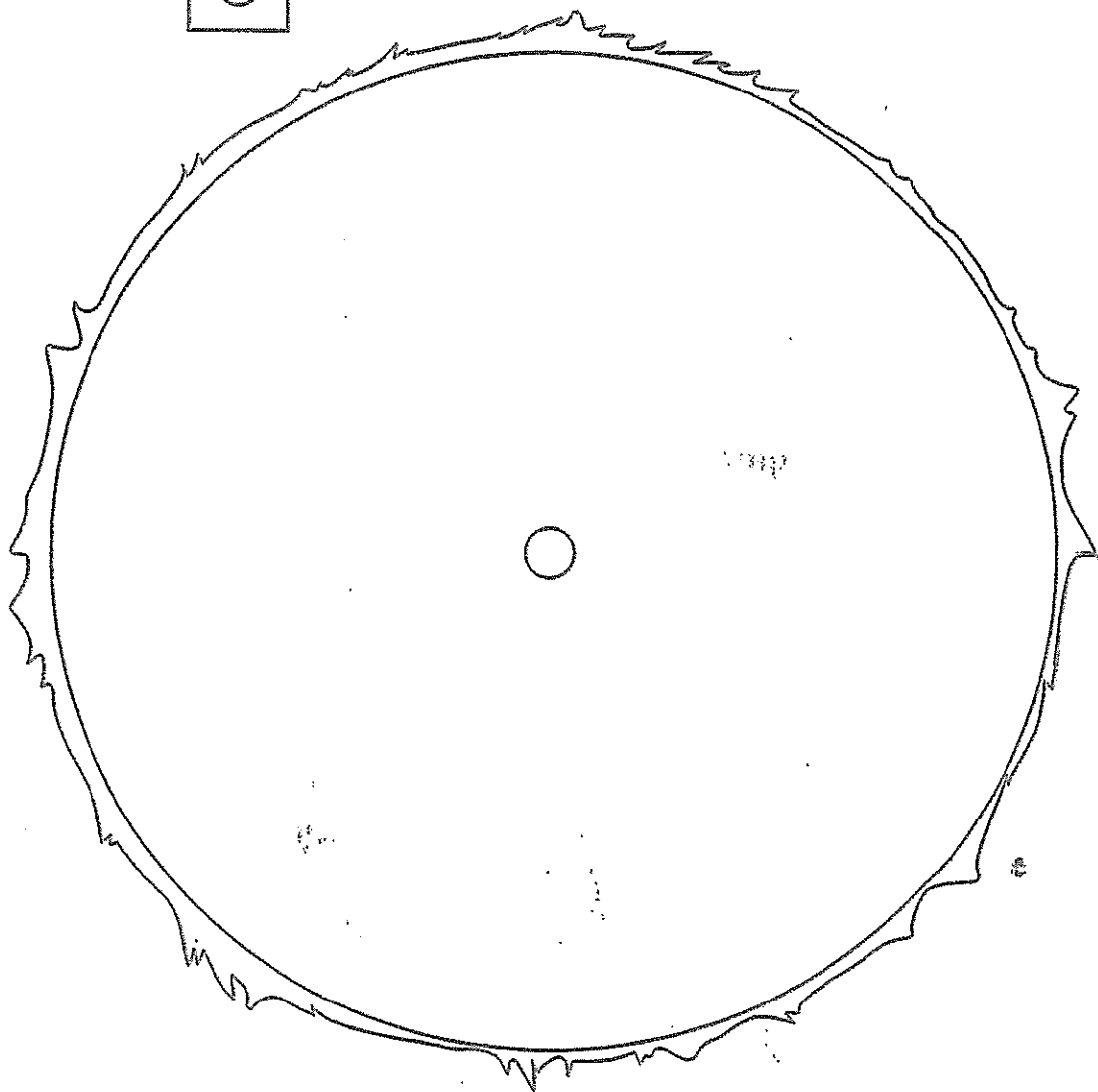
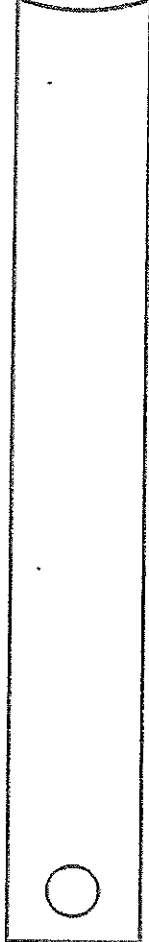
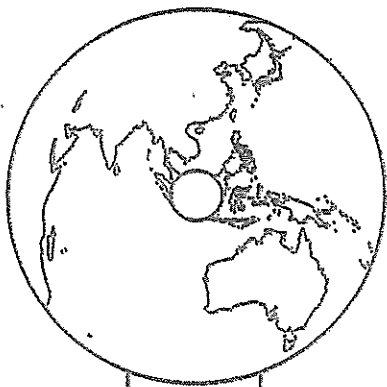
1 x sun, Earth and moon template

Coloured pencils or markers

2 x split pins

INSTRUCTIONS

- 1) Colour in the sun, Earth and moon on the template. (Note: These are not drawn to scale).
- 2) Carefully cut out each of the shapes.
- 3) Connect Earth to the sun by fastening the paper 'arm' connected to Earth to the back of the sun with a split pin.
- 4) Connect the moon to Earth by fastening the paper 'arm' connected to the moon to the back of Earth with a split pin.
- 5) Demonstrate the movement of Earth and the moon by moving Earth around the sun and moving the moon around Earth.



Reading Tables is an important skill in science.

← Planet	Average distance from Sun (millions of km)	Period of revolution (Earth time)	Period of rotation (Earth time)
Mercury	58	88 days	59 days
Venus	108	225 days	243 days
Earth	148	365 days	24 hours
Mars	228	687 days	25 hours
Jupiter	778	12 years	10 hours
Saturn	1,427	29 years	10 hours
Uranus	2,871	84 years	18 hours
Neptune	4,497	165 years	19 hours

This table shows the distance of the planets in our Solar System from the sun and it is also the order of the planets from the sun. It also shows how long it takes in earth time to orbit (revolve) around the sun, which is obviously longer the further the planet is from the sun. It also shows the time it takes for each planet to rotate on its own axes.

Questions

Which planet has the longest day (ie. Slowest period of rotation)?

Which planet has the shortest year (ie. Fastest Period of revolution)?

Challenge:

Approximately how many times further from the sun is Neptune than earth?

Interesting Fact:

If you look at the solar system from its north pole, then you will see all the planets orbiting the Sun anticlockwise and rotating on their axes anticlockwise, except for **Venus** and **Uranus**. Venus rotates clockwise while Uranus rolls on its side as it orbits the Sun. This is probably due to an asteroid hitting them at some point in time.

Remember the saying below to remember the order of the Planets from the Sun

My Very Elderly Mother Just Served Us Noodles

Mars Venus Earth Mars Jupiter Saturn Uranus Neptune

JUMPSTART

Solar System

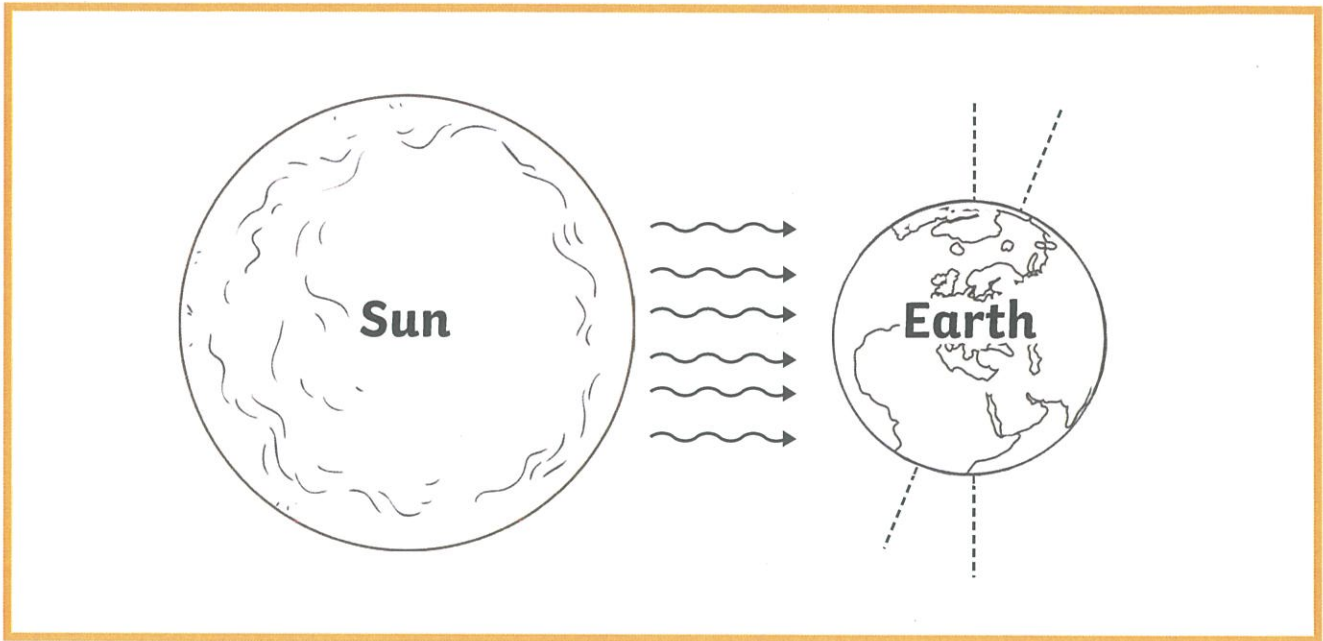
Order the Planets

Identify the planets and write their names.

See more worksheets at www.jumpstart.com/parents/worksheets

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Why Do We Have Day and Night?



1. Can you explain why we have day and night by using the words in the box to complete each sentence?

We live on the planet _____.

Light comes from the _____.

The Earth _____ on its axis once each day.

When the Sun shines on our part of the Earth, we are in _____.

When our part of the Earth spins away from the Sun we are in _____.

spins

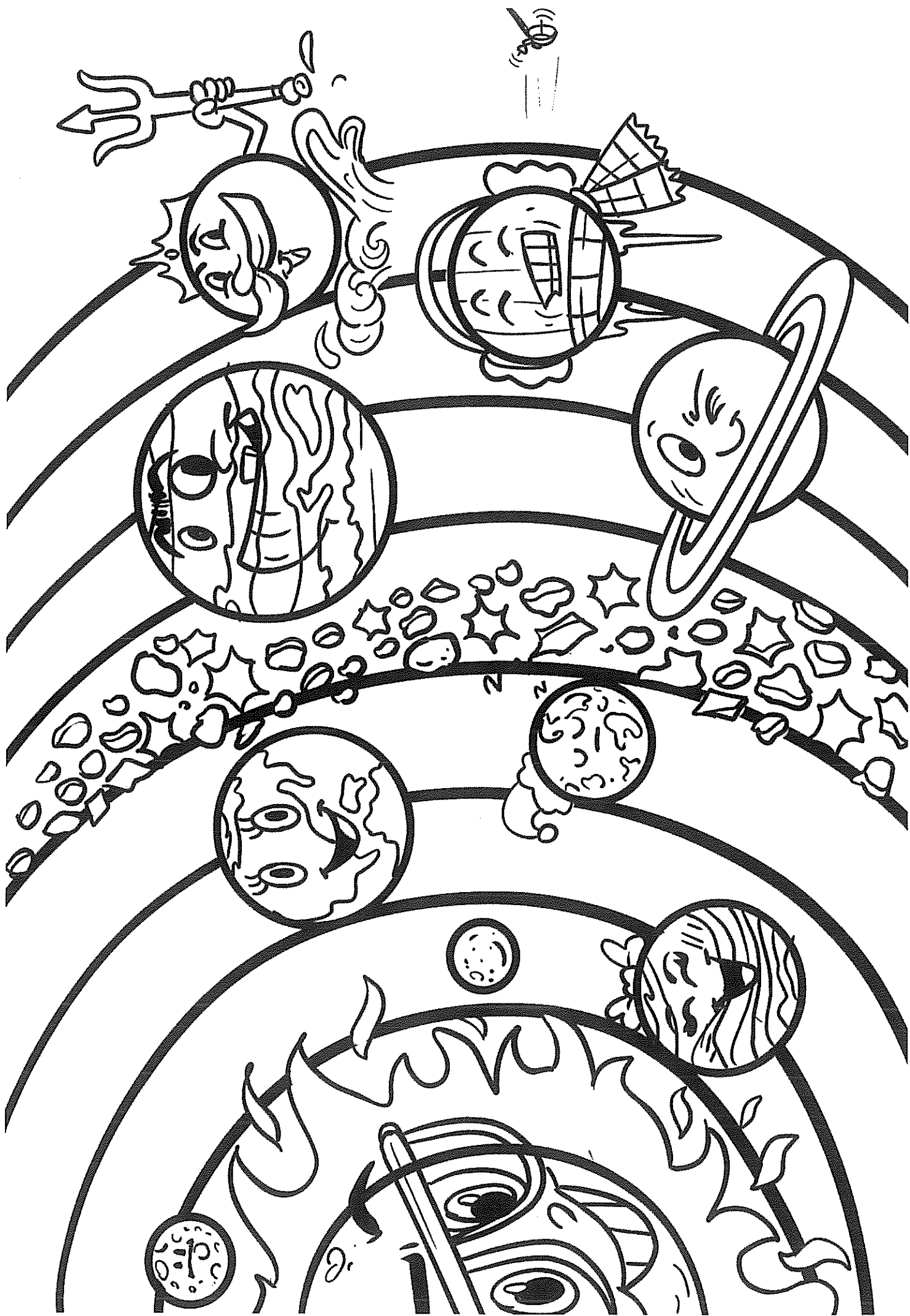
night-time

daytime

Sun

Earth

2. Colour in the picture to show which part of the Earth is in daytime and which part is in night-time.



Thursday 2nd September 2021

Tick your work once you have finished 😊

Soundwaves

Complete the rest of your Soundwaves sheet.

Q5/6 ☐ Challenge ☐

Guided Reading Tasks

Web Brainstorm ☐

A Wicked Window Vane ☐

Reading and Questions ☐

Mathematics

7 Times Tables ☐

Translation, Rotation and Reflection ☐

Creative Arts

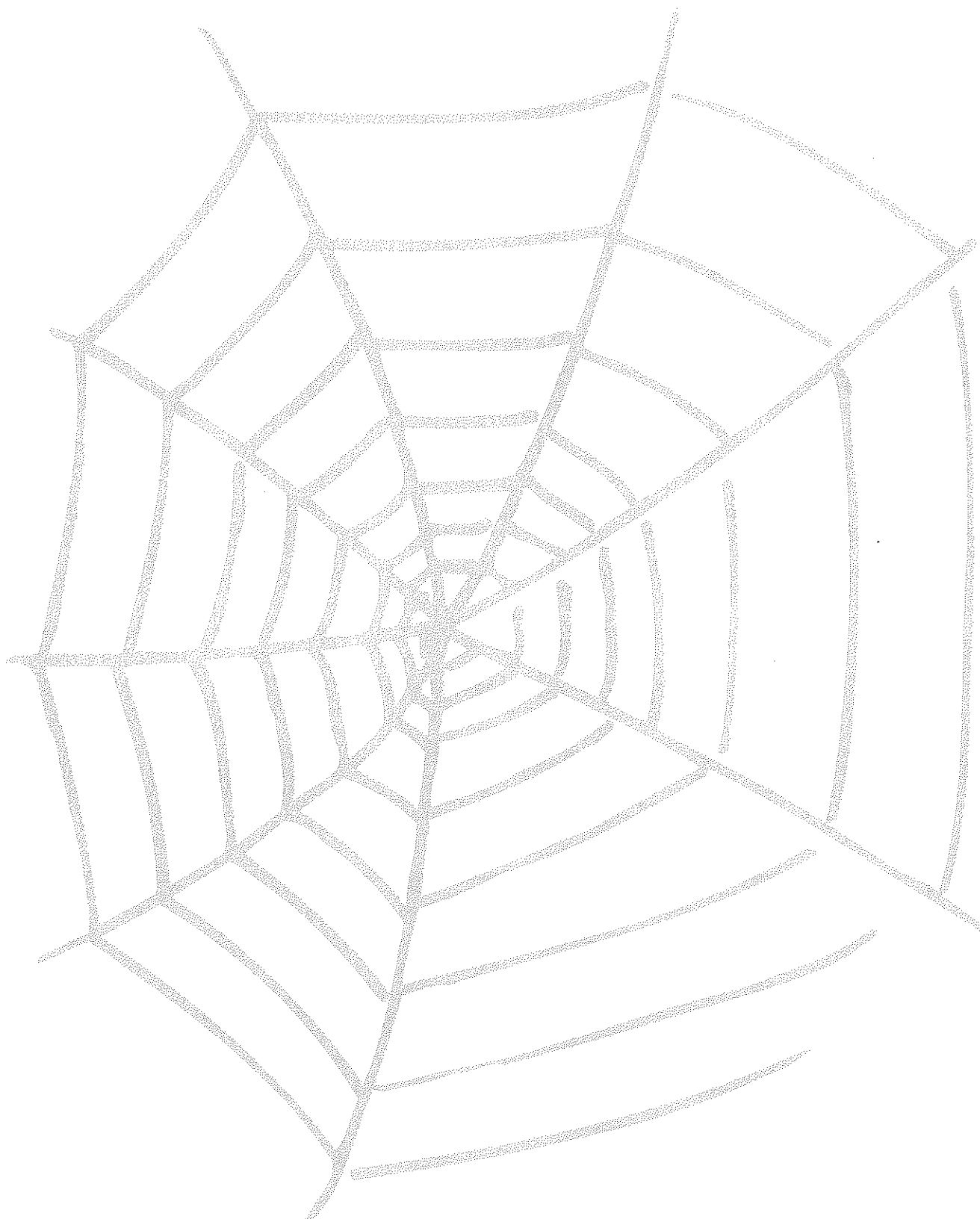
Warm and Cool Colour Art ☐



How did you feel you went with today's learning?



Brainstorm as many words with the
"w" sound and fill up the web.



A Wicked Wind Vane

Research, design and create
a wind vane.

Find out what a wind vane is and
how it works.

Decide where to put your wind vane and
how to put it there.

Consider weather conditions when
choosing materials.

Make your wind vane interesting
and attractive.

Popular Pets

Some words to practice before reading the passage:

popular, love, care, walk, right, safe, sure, water, loyal, loving, cuddle, beautiful, move, breathe, means, snooze, lazy, string, watch, tank, gills, vital



Dogs are fantastic pets. They love to run and play. You can even teach them to do tricks!

To care for your dog, you must take them for a walk every day. You must feed them the right sort of food and make sure they have fresh water. Your dog will also need a warm and safe spot to sleep.

Dogs are very popular pets because they are so loyal and loving.

A **cat** is a good pet for you if you like to cuddle and snooze.

Cats like to sleep in the sun and can seem a bit lazy, but they do like to play too.

Just like dogs, cats need the right foods and some fresh water every day.

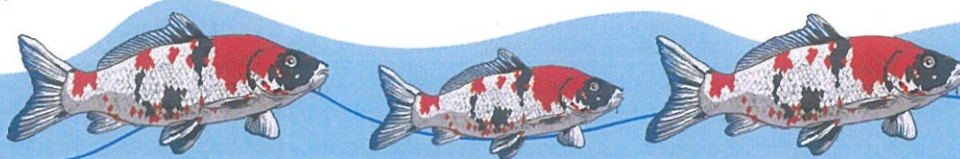
Cats do not need to go out for walks but they do like to play with small toys and bits of string.



Fish are also very popular pets. Dogs and cats can be fun to play with, but fish are beautiful to watch as they swim in the water.

If you are going to keep a fish as a pet at home, it will need to be kept in a fish tank. If there is just one fish, like a goldfish, then they do not need a big tank, but they do need room to move and swim freely. You may choose to keep lots of fish at one time, but if you do, you will need a bigger tank.

It is vital to keep the water in fish tanks clean. Fish breathe underwater with their gills, so if the water is dirty, that means they are 'breathing in' the dirt from the water. This can make them sick. If you are going to have a pet fish, you must make sure to keep the tank clean.



Comprehension Questions for 'Popular Pets'

1. How often should you take your pet dog for a walk? _____

2. Why are dogs popular pets? _____

3. Make a list of things cats like to do. _____

4. Why would you need a bigger fish tank? _____

5. Find and copy one word from the text which means 'important'. _____

6. In your opinion, which of these three pets would be the easiest pet to look after? Explain your answer with examples from the text.

7 Times Table Activities

Count in 7s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

a) $2 \times 7 =$ _____

d) $12 \times 7 =$ _____

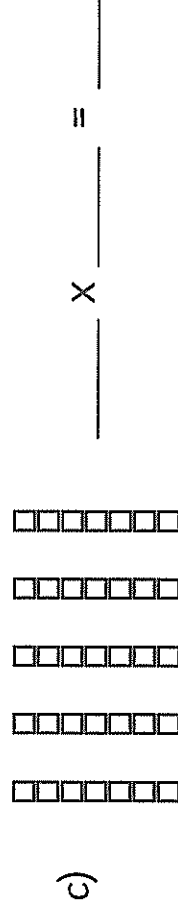
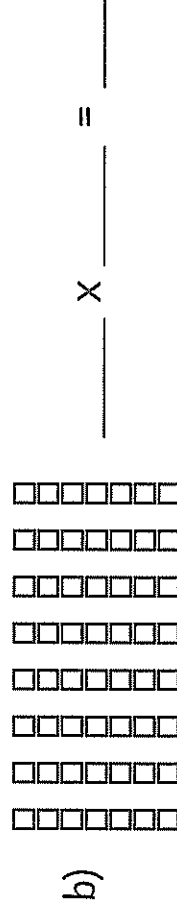
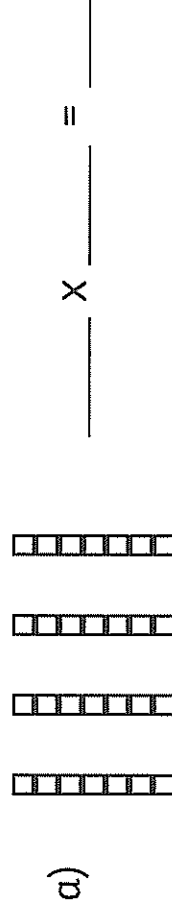
b) $10 \times 7 =$ _____

e) $7 \times 7 =$ _____

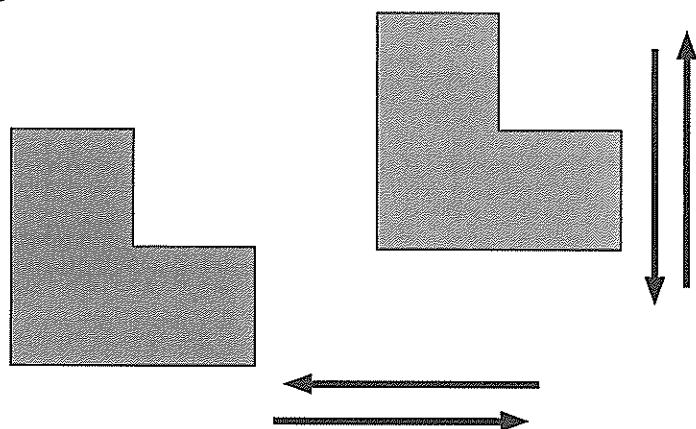
c) $5 \times 7 =$ _____

f) $9 \times 7 =$ _____

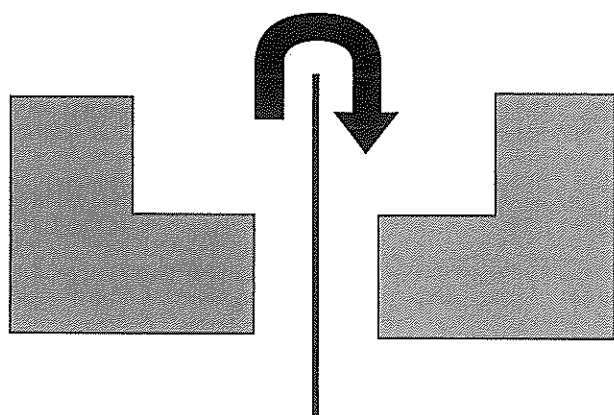
How many blocks are there?



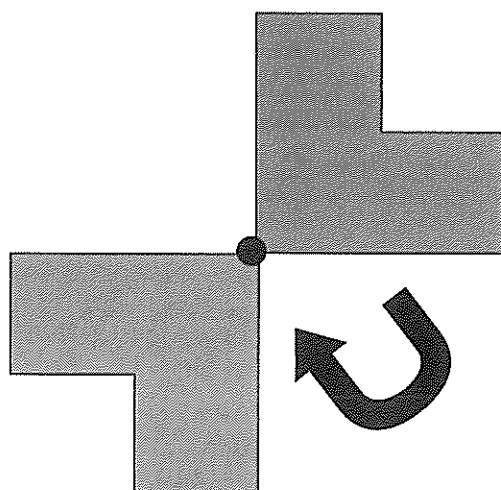
Translation, Rotation and Reflection



Translation - Slide
The shape moves from one position to another in any direction.



Reflection - Flip
A shape gives a mirror image.

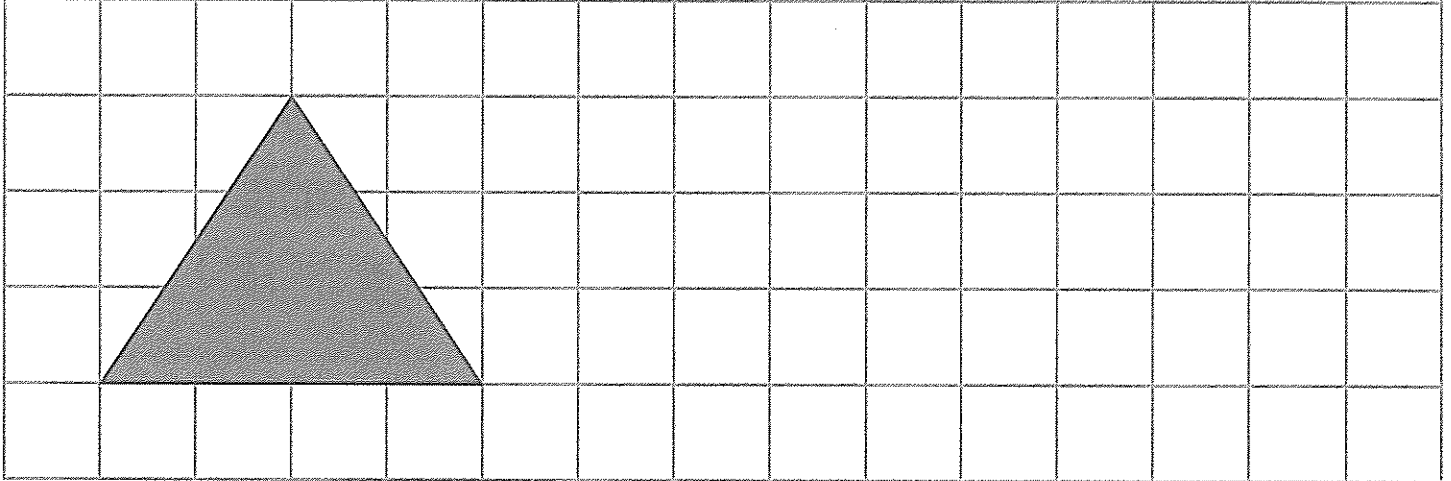


Rotation - Turn
Moves a shape around a point.

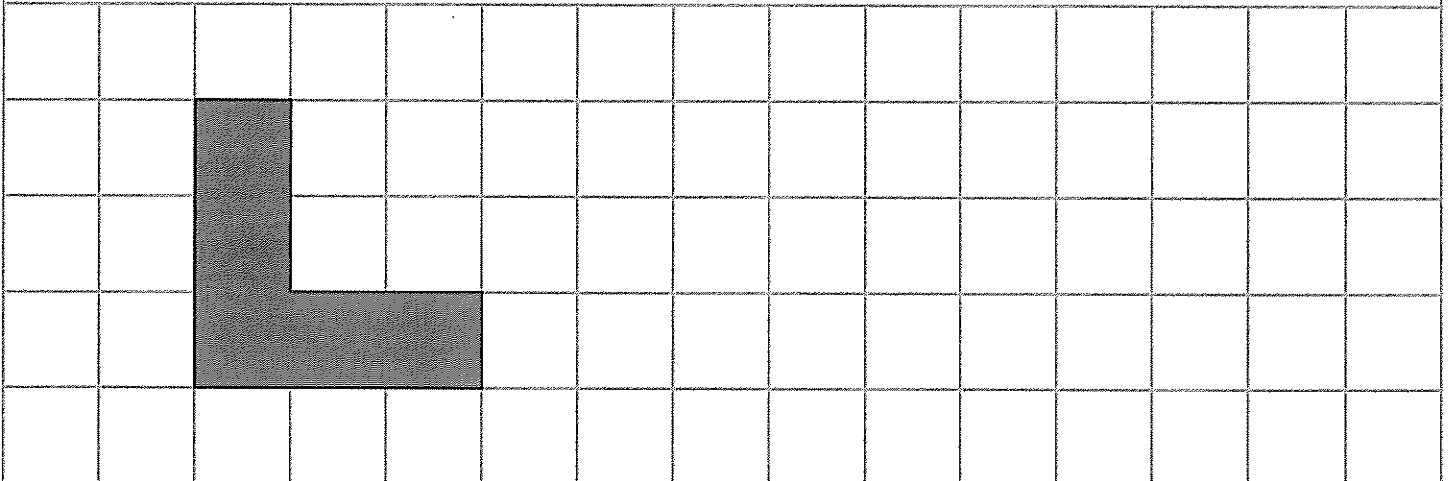
Flip, Slide and Rotate

Draw the shapes below by flipping, sliding or rotating.

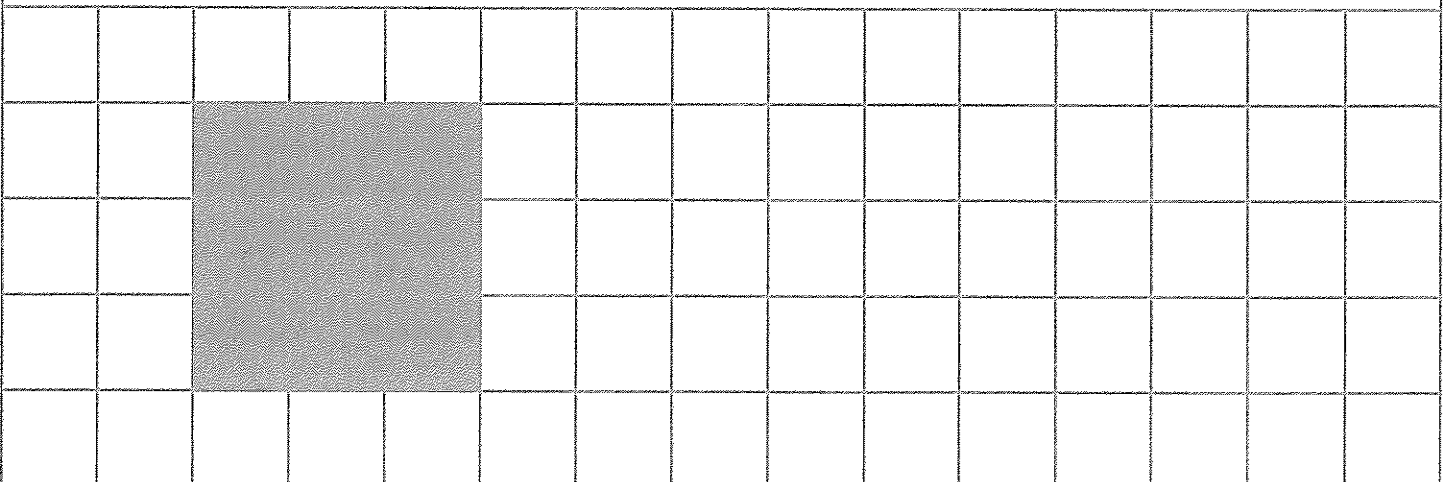
1. Slide the triangle.



2. Flip the shape.



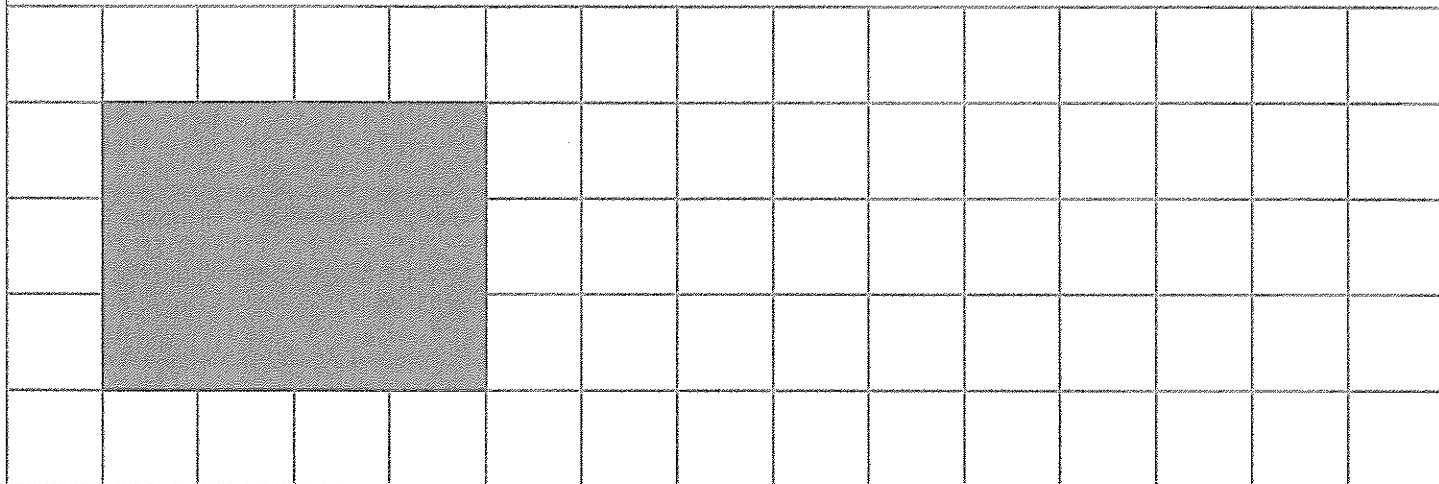
3. Rotate the square.



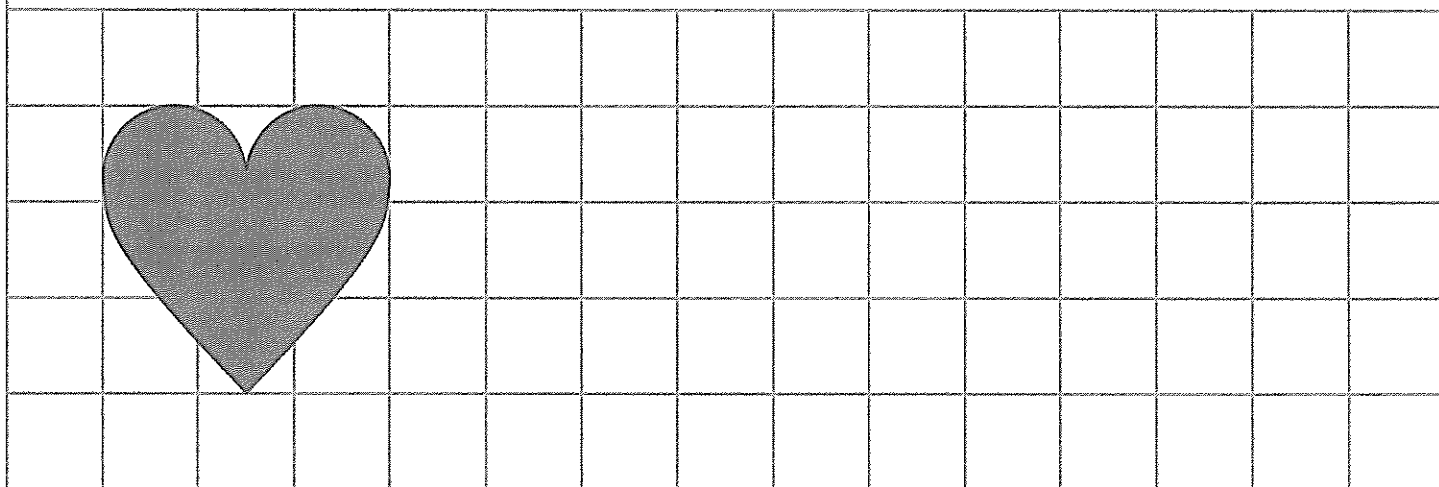
Flip, Slide and Rotate

Draw the shapes below by flipping, sliding or rotating.

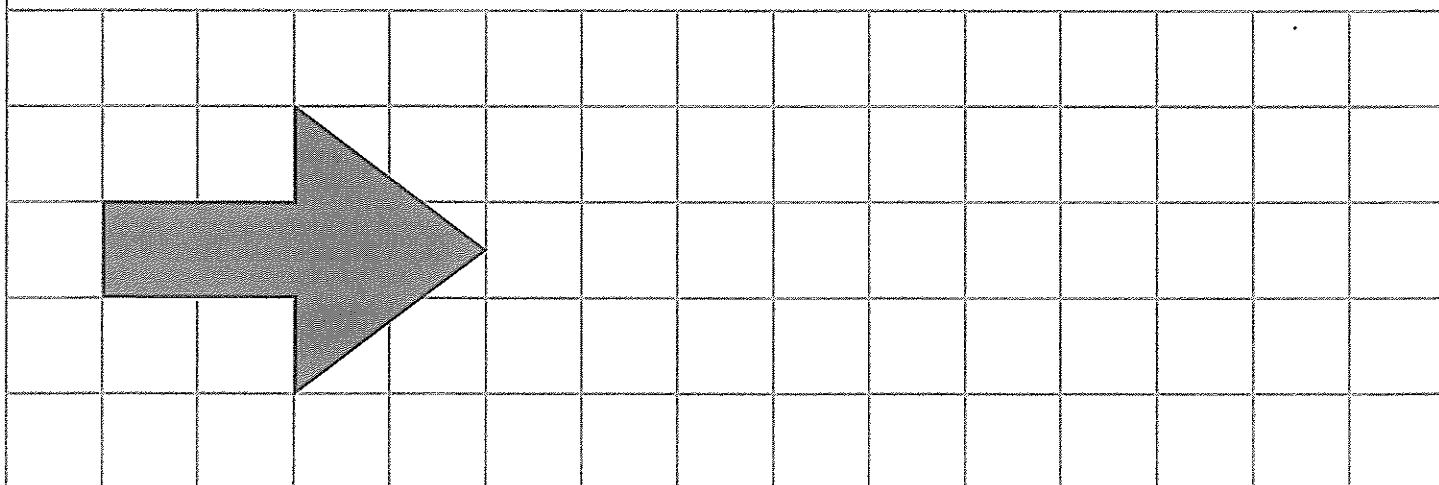
4. Slide the rectangle.



5. Flip the heart.



6. Rotate the arrow.

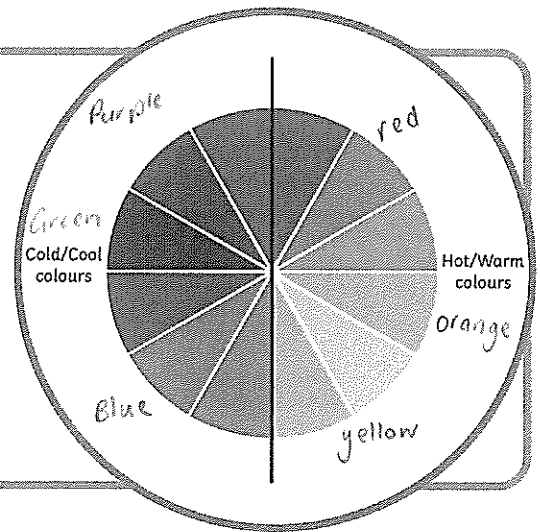


Warm and Cool Colour Art

This colour wheel shows the warm colours on one side and the cool colours on the other. Which is your favourite colour? Is it warm or cool?

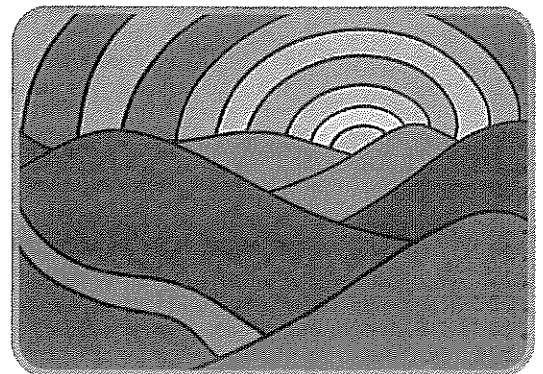
You will need:

- A4 template – alternatively, sketch out your own sky and land landscape, before going over the pencil lines in thick, black felt-tip pen
- single medium, or a mixture of mediums, such as pastels, paint, colouring pencils, colouring pens, paper or fabric
- black felt-tip pen



Instructions:

1. Choose either the template provided or draw your own landscape picture. If drawing your own, make sure you divide both the sky and the land into separate sections, as on the template.
2. Choose either warm or cool colours for the land sections of your picture.
3. Fill the land sections using the medium or mediums of your choice in your chosen colours.
4. Use the alternative colours to fill the sky sections of your picture in your chosen medium. For example, if you have used warm colours for the land sections, now use cool colours for the sky sections.
5. Make sure that the thick black lines stand out – go over them again in black felt-tip pen if necessary.





Friday 3rd September 2021

Tick your work once you have finished 😊

Soundwaves

Check your Soundwaves sheets and make sure you have completed all tasks.

Soundwaves completed? ☐

Guided Reading Tasks

Spider Facts Game ☐

Segment Sounds ☐

Adjective Sorting ☐

Powerful Adjectives ☐

Mathematics

8 Times Tables ☐

Continue the Pattern ☐

Drawing Translated Shapes ☐

Special

Father's Day Activities ☐

●
BE YOU
BE CREATIVE
● BE KIND ●
BE BRAVE
● BE HONEST
BE CREATIVE
BE HUMBLE ●
BE THANKFUL
● BE FEARLESS

How did you feel you went with today's learning?



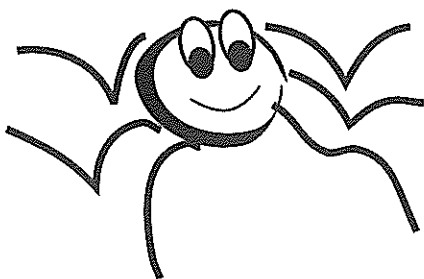
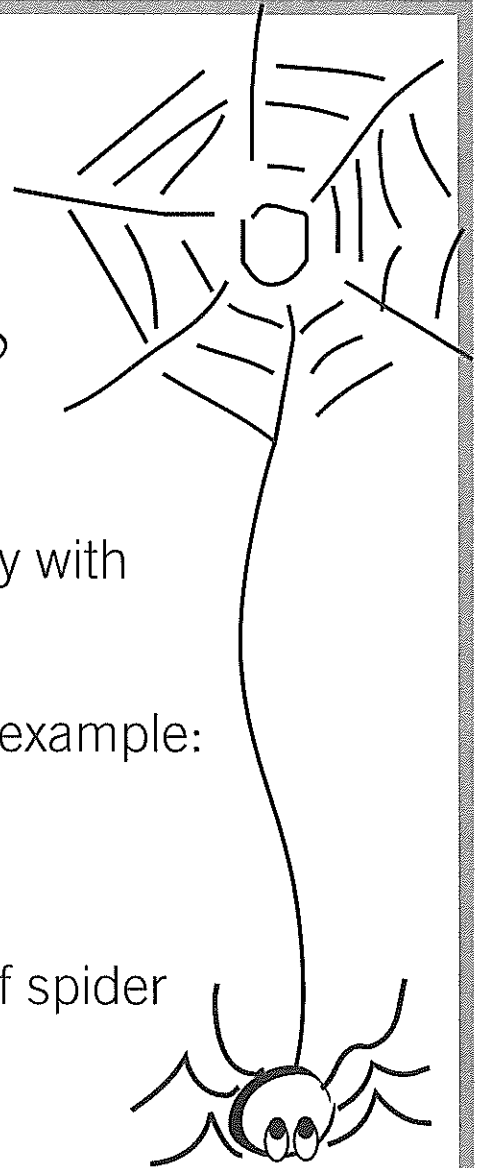


Spider Facts Game

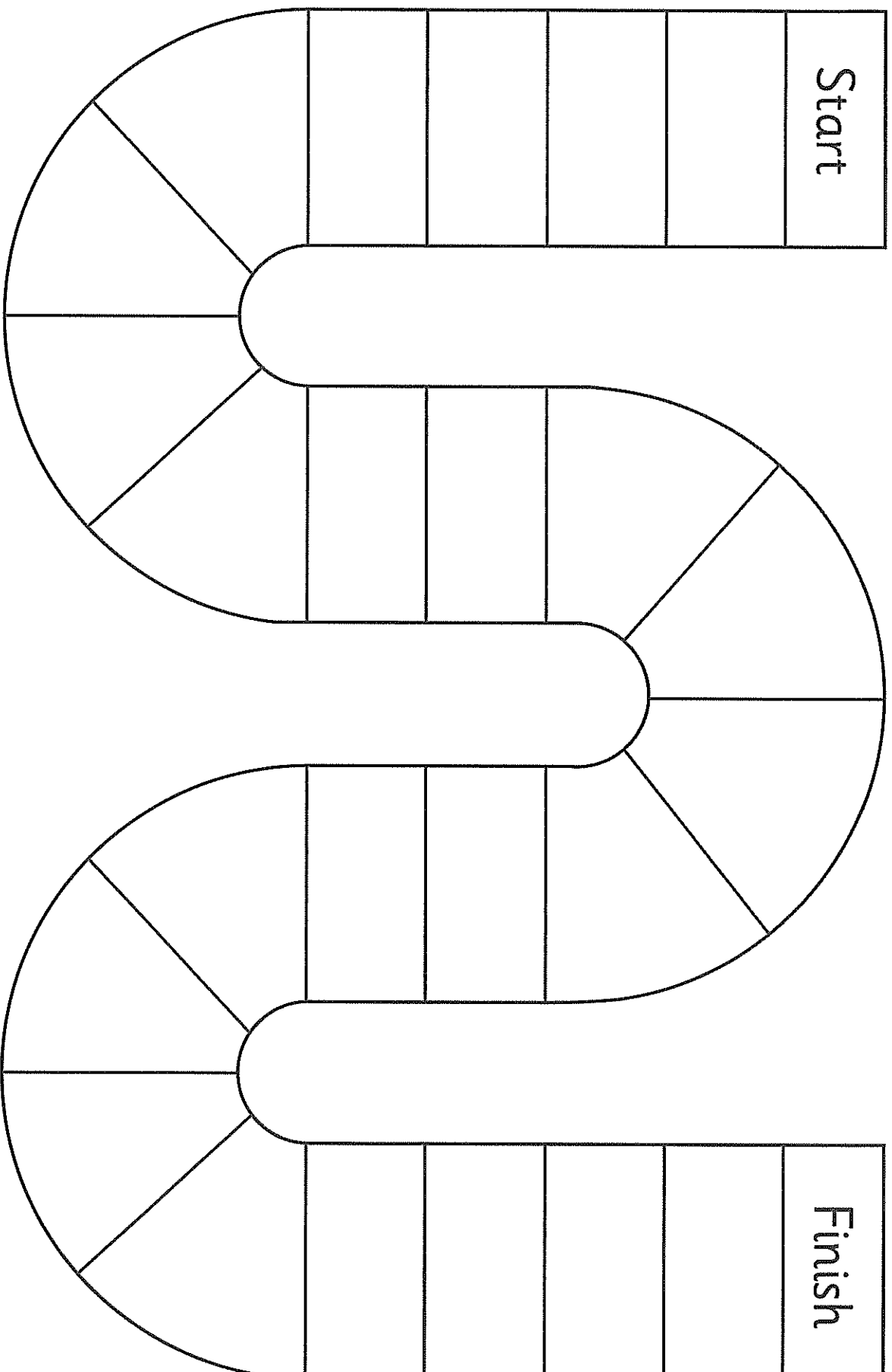
Create a brand-new game to play with your classmates.

Decide on the type of game, for example: card game, board game, other.

- Name your game.
- Plan your game using a quiz of spider fact questions.
- Write rules for the game.
- Create your game materials.
- Play your game to see if it works.
- Make changes if needed.
- Publish the final game neatly and attractively.

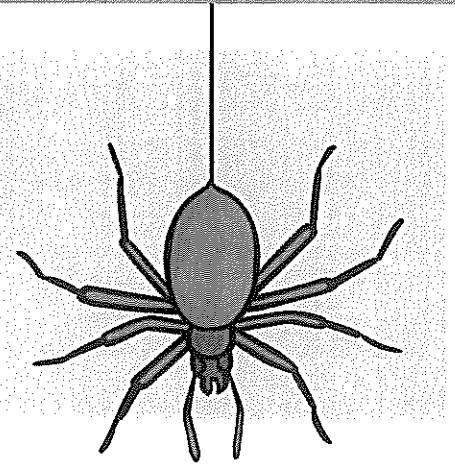


Eg. Question game about fact Pick a card - Is a redback Australian? True or False. If correct move one square



Spiders

Spiders can come in all shapes and sizes. Some are so small they can sit on the head of a pin; others are bigger than a grown man's hand. Though people think they are insects, like bees and wasps, they are in fact arachnids. This means they have eight legs and not six. They also do not have antennae on their heads.



Super Spider Facts

You can find spiders on every continent of the world, except for Antarctica. It is too cold for them to survive there.

Different Types of Spider

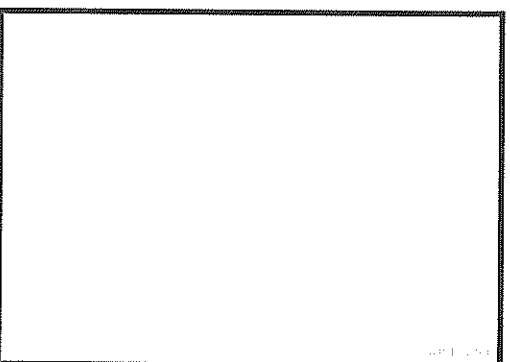
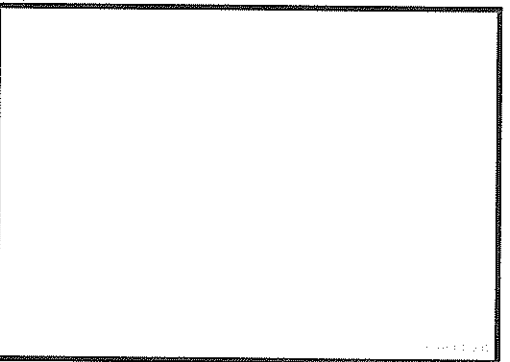
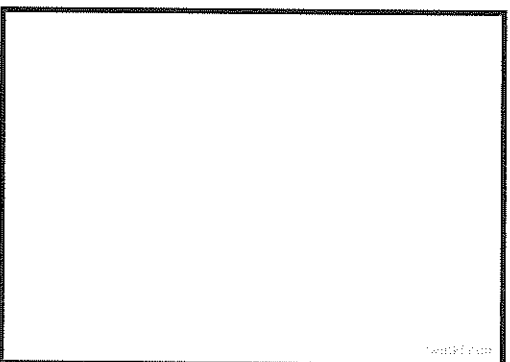
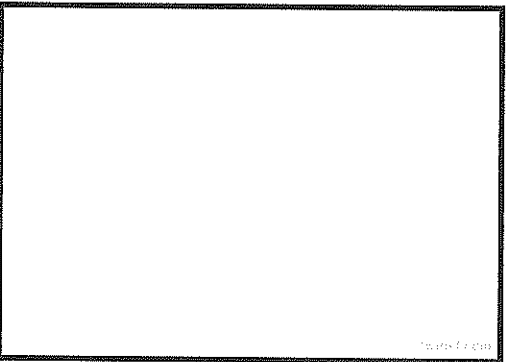
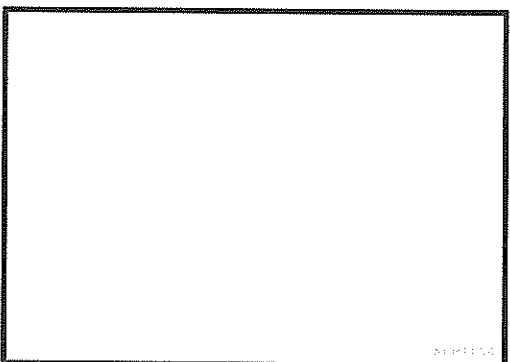
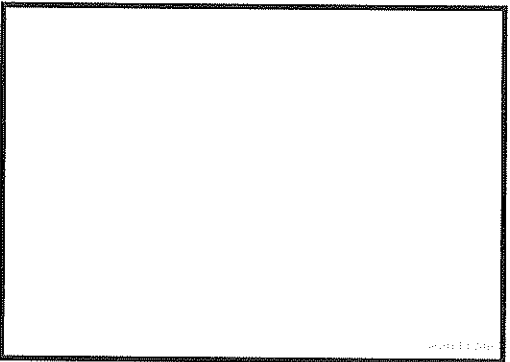
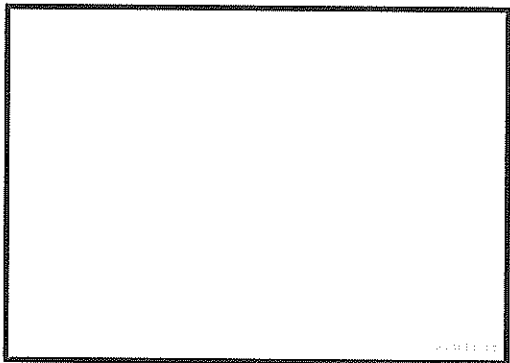
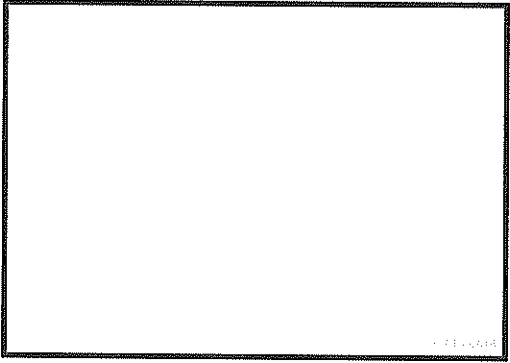
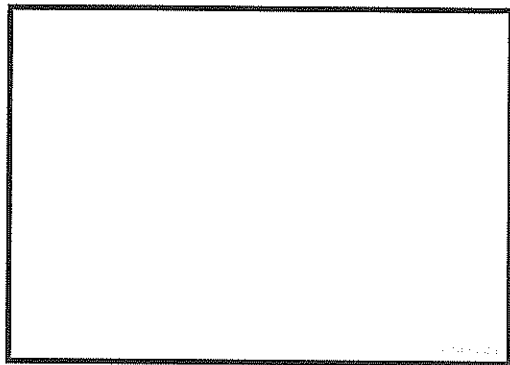
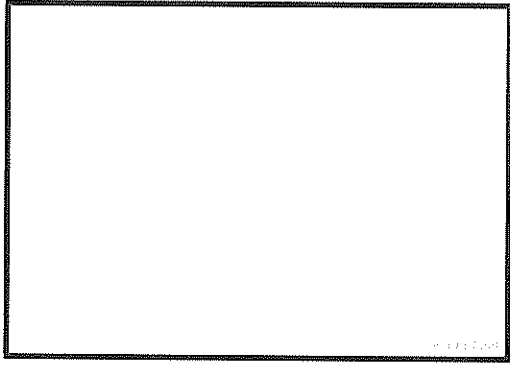
The largest spider in the world is the Goliath bird-eating spider. They are named after the famous giant in the Bible story of David and Goliath. They live in South America, in the rainforests. The name is a bit confusing, as they don't actually eat birds. They mostly eat worms and toads.

The smallest spider in the world is Samoan moss spider. They are about the same size as a full stop. Even though they are tiny, these spiders are still very poisonous but their fangs aren't long enough to bite into a person's skin.

Some More Amazing Spider Facts

- There are about 40 000 species of spider in the world.
- Fear of spiders is known as arachnophobia.
- Most spiders are completely harmless to people. Only a few species are venomous.
- Some spiders are covered in hairs which can make skin very sore.

Nearly all spiders catch their food by making a web that acts like a trap. This web is made from very thin but very strong silk. When insects fly into it, they get stuck and the spiders can then wrap them up in even more silk. Spiderwebs are very beautiful, made up of hundreds of small shapes, and can take a spider days to make. There are some spiders that don't make webs. They hide in holes in the ground and jump out on their prey as they walk past.





never

eleventh

seventh

seventeen

heavy

heavier

evening

invite

travel

lovely

knives

believe

favourite

themselves

water

which

weekend

sandwich

won't

without

woman

towards

upwards

square

question

Sorting Adjectives

afraid	elegant	glum	large	petrified	tearful
amused	enormous	gorgeous	merry	short	terrifying
beautiful	fearful	handsome	miniature	little	thin
cheerful	gigantic	haunted	minute	smart	tiny
creepy	glad	huge	miserable	spooky	upset
cute	gloomy	jolly	pleased	tall	wide

Sort the above adjectives into the correct boxes below.

Happy Words	Small Words	Pretty Words
Sad Words	Big Words	Scary Words

Powerful Adjectives

Rewrite and improve these sentences by changing the bold adjective into a powerful and impressive description.

1. Janine was sitting in a **nice** chair.

2. Mum's new hairstyle was **bad**.

3. The weather today is **not nice**.

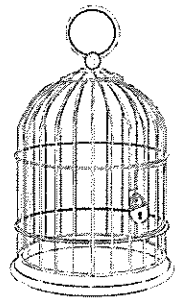
4. Lorna's new puppy was **cute**.

5. The story written by Fred was **good**.

6. Jake made some **silly** jokes at school today.

7. Barney's new computer was **fun** to play on.

8. The birds' cage was **dirty**.



8 Times Table Activities

Count in 8s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144

Work out these answers:

a) $2 \times 8 =$ _____

d) $8 \times 8 =$ _____

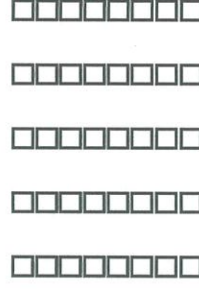
b) $10 \times 8 =$ _____

e) $7 \times 8 =$ _____

c) $5 \times 8 =$ _____

f) $12 \times 8 =$ _____

How many blocks are there?



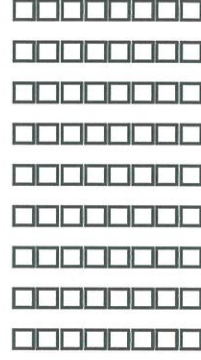
a)

_____ \times _____ = _____



b)

_____ \times _____ = _____

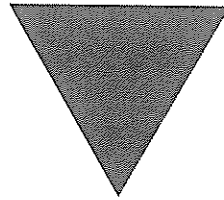
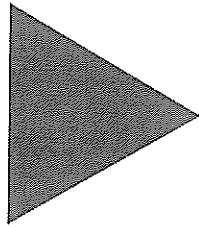
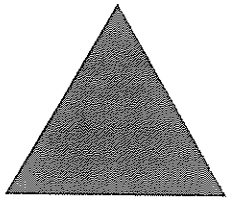


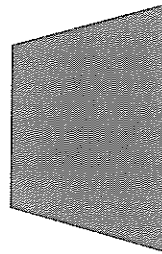
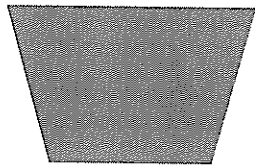
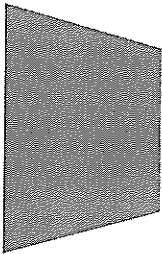
c)

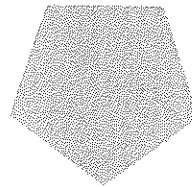
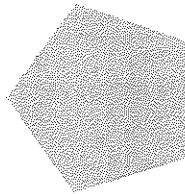
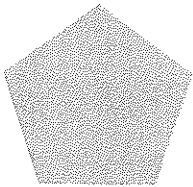
_____ \times _____ = _____

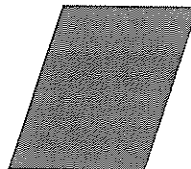
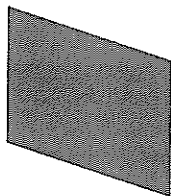
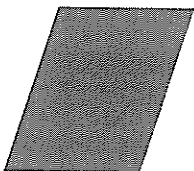
Continue the Pattern

Draw the next rotation in the pattern.





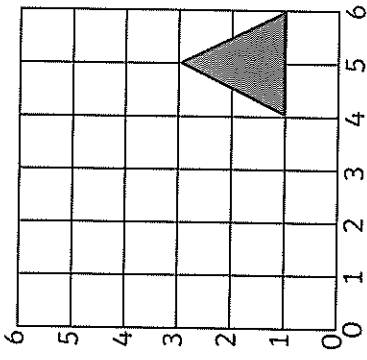
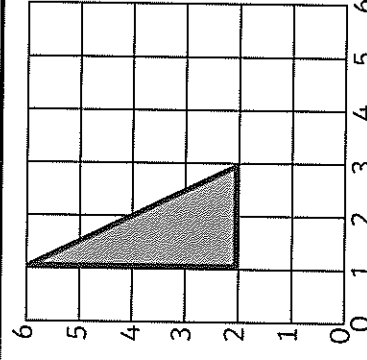
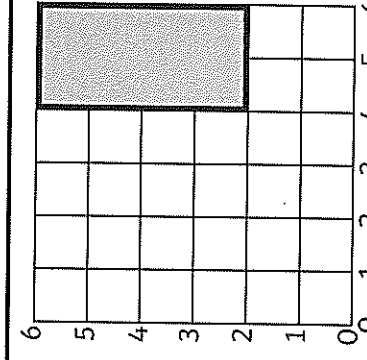
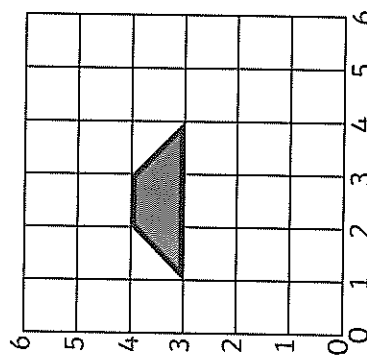
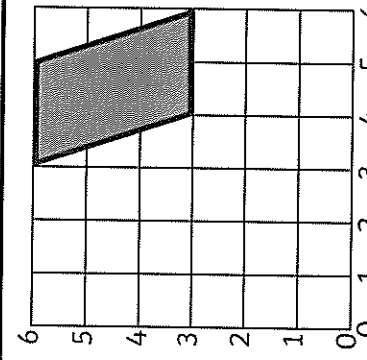
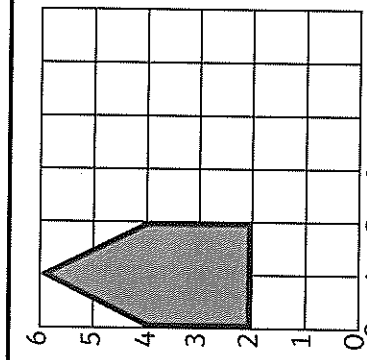
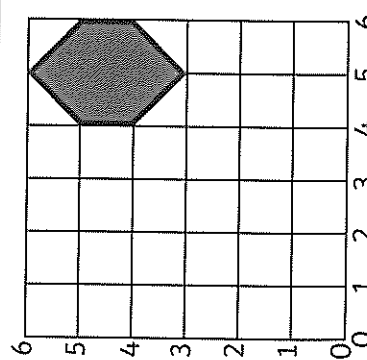
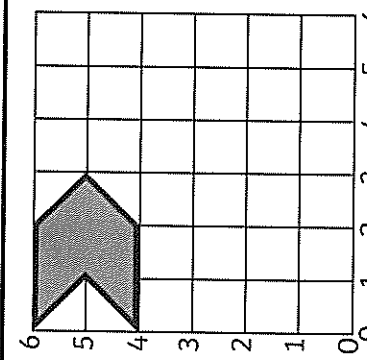
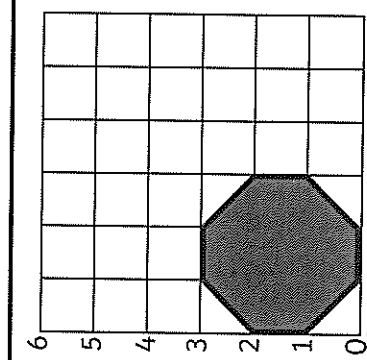






Drawing Translated Shapes

Draw the 2D shapes in their new positions after a translation along both axes.

<p>This equilateral triangle is translated left 3, up 3.</p> <p>Draw the triangle in its new position.</p> 	<p>This right-angled triangle is translated right 3, down 2.</p> <p>Draw the triangle in its new position.</p> 	<p>This rectangle is translated left 4, down 1.</p> <p>Draw the rectangle in its new position.</p> 
<p>This trapezium is translated right 2, up 2.</p> <p>Draw the trapezium in its new position.</p> 	<p>This parallelogram is translated left 3, down 2.</p> <p>Draw the parallelogram in its new position.</p> 	<p>This pentagon is translated right 4, down 2.</p> <p>Draw the pentagon in its new position.</p> 
<p>This hexagon is translated left 4, down 3.</p> <p>Draw the hexagon in its new position.</p> 	<p>This hexagon is translated right 3, down 4.</p> <p>Draw the hexagon in its new position.</p> 	<p>This octagon is translated right 3, up 2.</p> <p>Draw the octagon in its new position.</p> 

All About My Dad Tie Writing Craft

My dad is

He loves to

He is good at

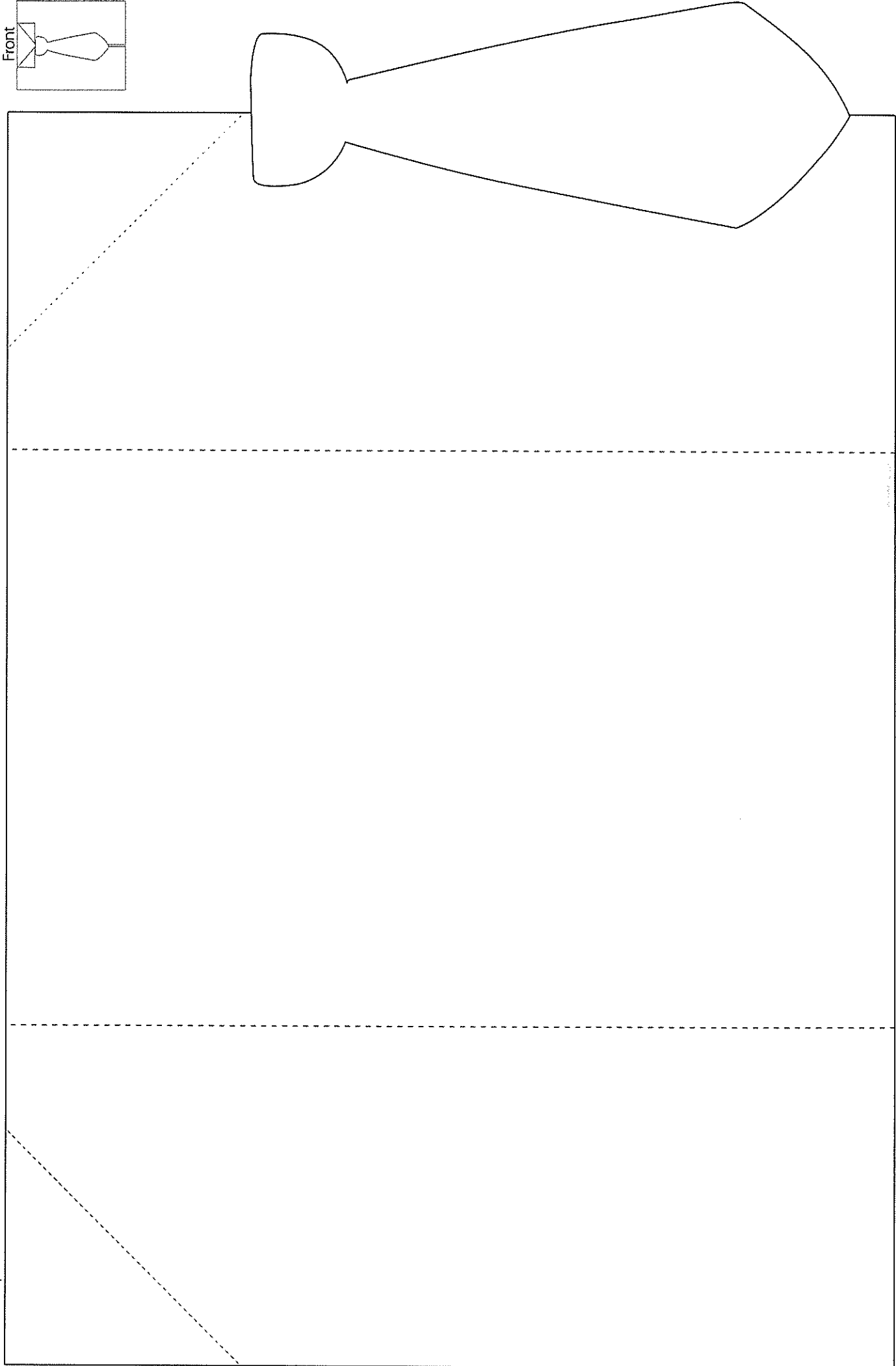
He is funny when

I love it when we

I love my dad because



Instructions (this is the outside of the card): Cover the outside of the card with patterned paper or fabric, use a contrasting pattern for the tie. Decorate the middle inside pannel with your favourite superhero costume.



----- Fold lines