



Erina Heights Public School

Learning from Home - Stage 3

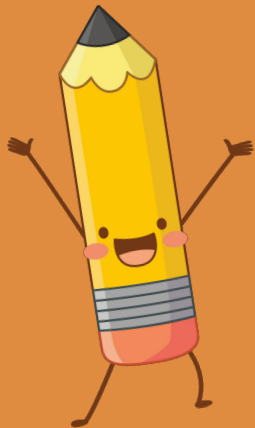
Term	1	2	3	4								
Weeks	1	2	3	4	5	6	7	8	9	10	11	

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	Daily Zoom Meeting 5B Zoom Link 5/6R Zoom Link 6S Zoom Link				
Morning	Literacy Activities	Literacy Activities	Literacy Activities	Literacy Activities	Literacy Activities
	Recess Break				
Middle	Maths Activities	Maths Activities	Maths Activities	Maths Activities	Maths Activities
	Lunch Break				
Afternoon	Passion Project	Passion Project	Passion Project	Passion Project	Passion Project
Optional Activities	Last year, the Office of the Advocate for Children and Young People launched a website called Digital Lunchbreak. Children and young people can learn, create and discover through digital workshops, learning materials, virtual excursions and more. Visit the Digital Lunchbreak website by clicking here www.digitallunchbreak.nsw.gov.au				

Stage 3

Literacy Activities

Term 4 – Week 2



Expectations

- ☺ Do one activity each day.
- ☺ If you get stuck, send your teacher a message on Google Classroom.
- ☺ You can add extra slides to do your answers, otherwise you can do your work in a Google doc or workbook at home.
- ☺ Submit your work on Google Classroom.
- ☺ Do the best you can! ☺

10 Beautiful Insects

Did you know you can these insects as pets?

<https://www.youtube.com/watch?v=RSxH00j4JCY>

Learning Intention: To use comprehension strategies to build understanding.

What to do?

- Watch the video. Take notes if it helps.

Your task:

- On the following slide, pick 3 insects from the video and write 3 interesting facts about each of them.



10 Beautiful Insects

Record your facts here.

Write your facts **using full sentences**. For example, instead of writing, **'they eat leaves,'** you would write, **'the spiny leaf insects eat leaves.'**

Insect:	Insect:	Insect:
Fact #1	Fact #2	Fact #3
Fact #1	Fact #2	Fact #3
Fact #1	Fact #2	Fact #3

VOCABULARY - Quiz Word

A crossword game you can play with your friends

Instructions:

- Click the picture or the link below to access the game.
- Choose a topic for your crossword puzzle
- Once in the game, you have a set time to complete the puzzle.
- You can create a multiplayer room to play with your friends or family. The person who creates the room will need to share the room code with the other players.
- Use snipping tool tool to copy and paste a screenshot of your puzzles with your teacher. They can be copy and pasted into the next slide.

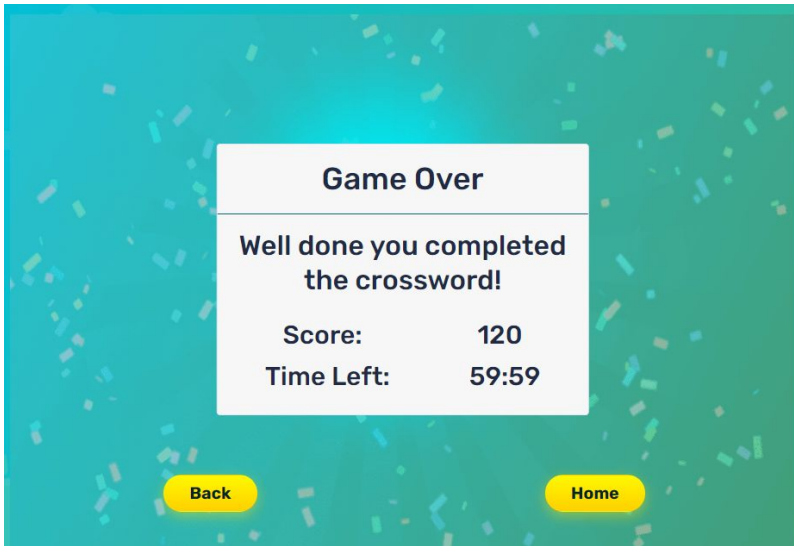
<https://www.kidsnews.com.au/quiz-word>



VOCABULARY - *Quiz Word*

Screenshots of your results can be pasted here.

An example



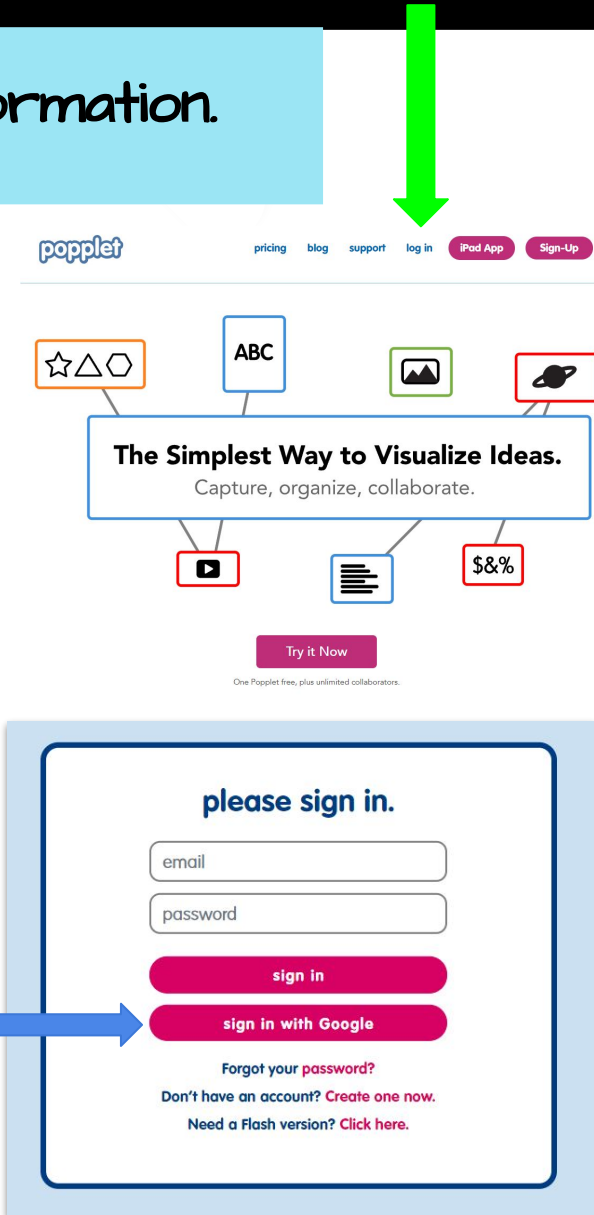
RESEARCH TASK

Create a Mind Map using Popplet. You will make a Kahoot with this information.

What to do:

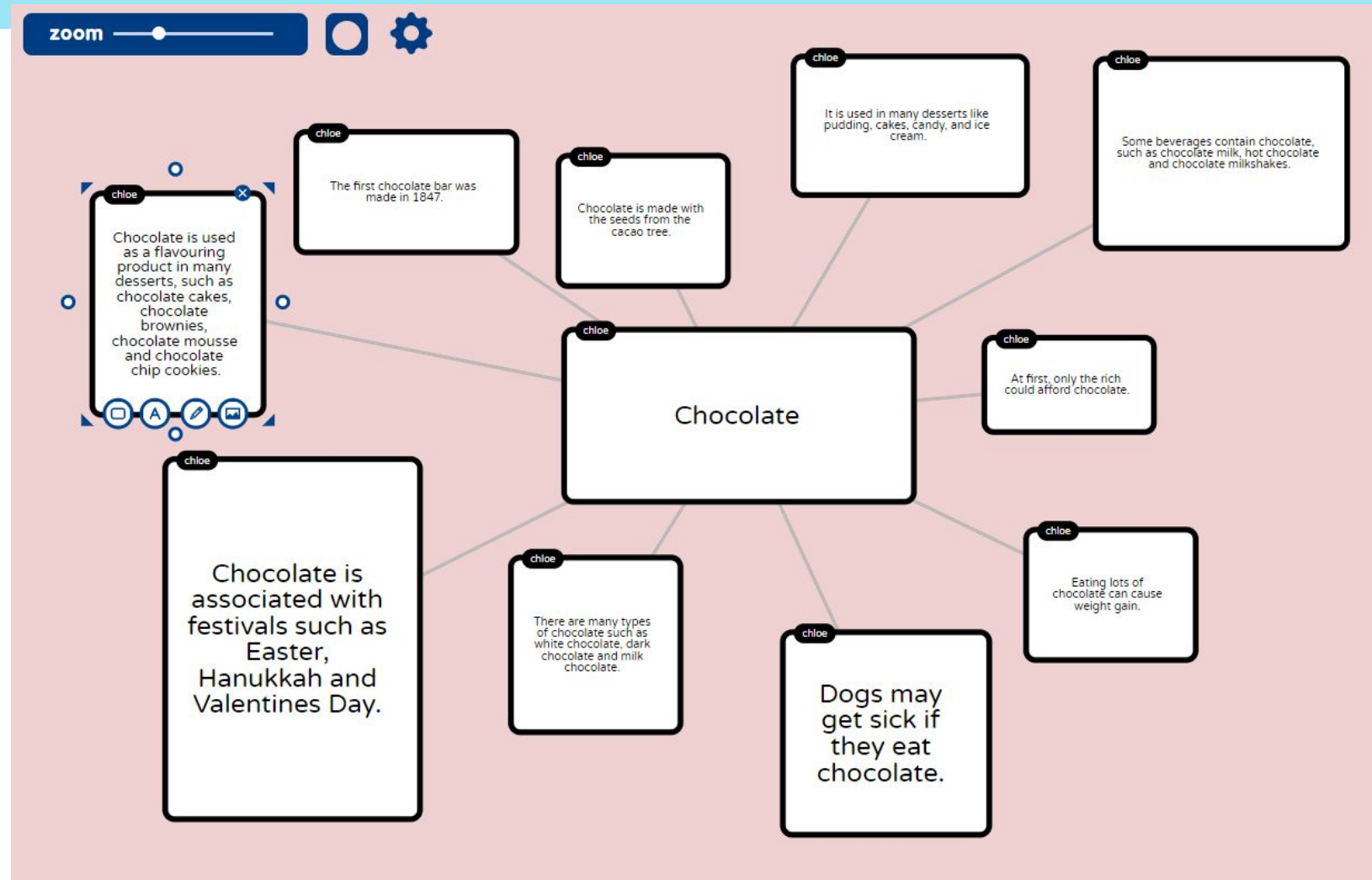
- Pick a topic of interest to research
- Go to [Popplet www.popplet.com](http://www.popplet.com)
- Click Log In at the top of the screen - **See the green arrow**
- Sign in with google and use your @education.nsw.gov.au account to sign in - **See the blue arrow**
- Once you have signed in, click **Create new Popplet**. Once the new popplet screen has opened, double click in the centre of the screen and this will open a new popple. Type your topic in this popple.
- Then, click one of the white dots around the outside of the popple to create a mind map. See the video in the link below for tips on how to use Popplet.
<https://www.youtube.com/watch?v=CxLDsWHsQ1g>
- You will need 10 facts about your topic.
- See the next slide for an example. Using snipping tool, copy and paste a screenshot of your popplet into slide 9.

If creating a Popplet is too difficult, use a pencil and paper instead. You can also type your information in slide 9 as dot points.



RESEARCH TASK

An example of what your Popplet should look like



RESEARCH TASK

Paste your Popplet here



WRITING TASK

Create a Kahoot

What to do:

- Create a student account on Kahoot <https://create.kahoot.it/auth/register> It will ask for your date of birth and a username. Then click **Sign in with Google**. Use your @education.nsw.gov.au
- Using the information you gathered in your research, create a kahoot quiz about your research topic.
- Watch the youtube video to see how to create a kahoot quiz. Skip to 1:25 to get to the parts that will help you. If you get stuck, please ask your teacher.
- You may create multiple choice questions, true or false or simple yes or no questions.
- For example, using my info on chocolate, examples of questions I could ask using the same piece of information are:
What seeds are used to make chocolate? Cacao seeds, bird seeds, flax seeds or chocolate seeds.
Chocolate is made with cacao seeds. True or false?
Is chocolate made with a type of seed? Yes or No?



<https://www.youtube.com/watch?v=V4FQ-j91waA>

If you find creating a Kahoot too difficult, write your questions on slide 12 instead.

If you create a Kahoot, share your Kahoot link with your teacher in slide 12.

WRITING TASK

How to share your Kahoot with your teacher

The screenshot shows the Kahoot! dashboard with four quizzes listed:

- Who are these cuties?** by MissClarke84, 18 Questions, Created 2 months ago, 1 play. Buttons: Edit, Play.
- Fact or Opinion - Turtles** by MissClarke84, 7 Questions, Created 2 years ago.
- Jesses Mixed Maths** by MissClarke84, 10 Questions, Created 4 years ago.
- Finding an unknown quantity** by MissClarke84, 10 Questions, Created 4 years ago.

A yellow arrow points to the three-dot menu of the first quiz. A dropdown menu is open, showing options: Add to collection, Edit, Rename, Share, Move, Duplicate, Delete. A yellow arrow points to the 'Share' option.

1. Click the three dots.

2. Click share. Then click copy on the next screen.

3. Copy and paste the link into slide 12.

WRITING TASK

My kahoot



Maths

Week 2 Term 4

Maths Instructions:

1. Watch the instructional videos before beginning the tasks. You may need to watch these more than once.
1. Complete **both** activities each day - activities can be completed on your slides or on paper or in a book. Please draw any tables or diagrams that you need to complete these activities.

Instructional Video Links

Addition and Subtraction

Activity 1 & 2 Video



2D Space

Activity 1 Video



Additional Video

Monday

Glossary

- **balance:** the difference between money received (credit) and money paid (debit)
- **budget:** a plan of expected income and expenses for a period of time; a plan for how a person will spend and save their income
- **credit:** a payment into a bank account
- **debit:** a payment out of a bank account
- **expenditure:** the amount of money spent
- **finances:** the management of money and assets owned by a person or organisation
- **income:** a form of payment from an employer to an employee, e.g. salary
- **running cost:** The costs that accumulate when creating a budget

Daily Speed Test

What you will need:

- Timer (if you don't have one on a device use this: <https://www.online-stopwatch.com/>)
- Piece of paper
- Pencil

What to do:

- Select a times table that you would like to improve on (**must be between 6 and 12**)
- Set the timer and begin writing your times table out from start to finish. E.g. $0 \times 7 = 0$ all the way through to $12 \times 7 = 84$
- Press stop on the timer when you have finished and record your time
- Consider your time and set an achievable goal for the next day. E.g. *If you got 1 minute 20 seconds you might aim for 1 minute 15 seconds the next day.*
- **Record your times in the table below**

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>

Ignition Activity - choose your level

Answers for today will be posted at the end of the week



ID: 56516 EASY **Next Level**
EMOJI PUZZLES FOR DEVELOPING MINDS

7	+		=	10
+		+		
	+		=	10
=		=		
8		12		

+ + = ?

[solvememoji.com](https://www.solvememoji.com)

3/6 (50%)

Answer...

ID: 56525 MEDIUM **Next Level**
EMOJI PUZZLES FOR DEVELOPING MINDS

	+	18	=	34
+		x		
	x		=	240
=		=		
40		180		

x + = ?

[solvememoji.com](https://www.solvememoji.com)

2/5 (40%)

Answer...

ID: 56532 HARD **Next Level**
EMOJI PUZZLES FOR DEVELOPING MINDS

	+		=	38
+		+		
	x		=	336
=		=		
58		20		

x + = ?

[solvememoji.com](https://www.solvememoji.com)

0/3 (0%)

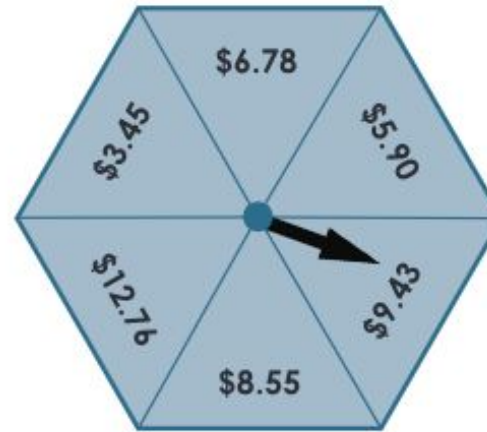
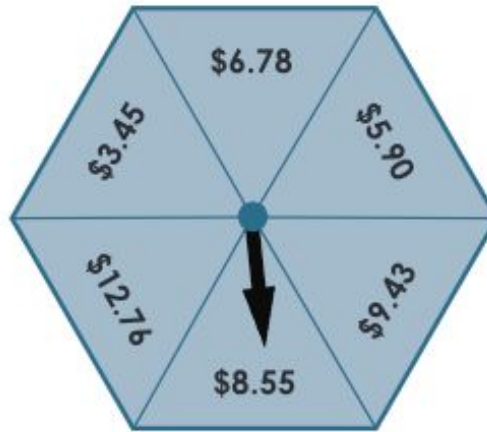
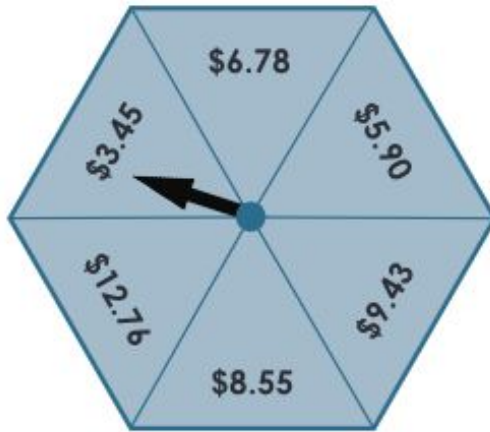
Answer...

Activity 1

Mental warm-up

Jilly and James were playing a money game. Jilly spun three spinners and then added up the numbers to get a total.

$$\$3.45 + \$8.55 + \$9.43 = \$21.43$$




- James spun the 3 spinners. What is the lowest total he could get? _____
- What is the highest total he could get? _____
- If he spun \$6.78 and \$12.76 and his total was \$22.99, what must his third spin have been? _____

Activity 1

Look at the example of Maya's spending during a particular week in January and how it has been organised into a simple budget table.

Remember, a budget lists the money that you have and income that you earn along with the expenses you must pay for a particular period of time.

Maya is still at high school and fits in **two part-time jobs** along with her studying. She works as a waitress for a three-hour shift two evenings during the week and works in a fruit and vegetable shop for 7 hours on a Saturday. Maya earns **\$17.50** per hour waitressing and **\$14.50** per hour at the fruit and vegetable shop.

Description of transaction	Credit (Money in)	Debit (Money Out)	Balance
Weekly pay - waitressing	\$105.00		\$105.00
Weekly pay - shop assistant	\$101.50		\$206.50
Food		\$45.00	\$161.50
Mobile phone plan		\$15.00	\$146.50
Entertainment		\$25.00	\$121.50
Transport		\$22.00	\$99.50
Friend's birthday gift		\$35.00	\$64.50
Haircut		\$12.50	\$52.00
Friend's repayment		\$17.00	\$35.00
Balance at the end of the week is: 			

Activity 1

Use the table to answer the following questions.

a. Why is it important to have a description of each transaction? _____

b. Is it easier to separate the credits from the debits? Why? _____

c. What do the values in the balance column show? _____

d. What was Maya's combined income for that particular week?

e. How much money did Maya spend that week?

f. Based on this week's income, how much money did Maya have left to spend after all her debits?

Activity 2

Read the information below which outlines Joel's income and expenditure for the next month.

a. Use the information to help him prepare a budget plan in the table on the following page.

Joel has been working at his part-time job for one and a half years now. He gets paid \$245 per week from his part-time job working in a restaurant. Joel is saving to move away from home and is managing to save \$50 per week. He also saves \$50 per week for a holiday with his friends at the end of the year. Joel's sister bought his old computer from him this week and is paying him \$25 per week over the next year.

Over the last year, Joel has donated \$5 per week to his chosen charity.

Because Joel lives at home with his parents, he doesn't need to contribute to food. However, he spends around \$35 on food when out with his friends each week and \$35 per week on entertainment such as the movies.

Joel's phone bill is a set amount of \$49 per month and \$10 for insurance cover which comes out of his account by direct debit every month.

Transport costs are reduced by half because Joel is a student. He travels by bus and train and tops up his transport card with \$25 each week. Joel has his haircut at a local barber shop on the first Saturday of every month which costs him \$15.

Joel has two family birthdays coming this month and wants to spend \$30 on each gift.

Joel sets aside \$120 per month for any other unexpected costs that may arise.

Remember:

The balance after each transaction is worked out by either adding the amount to the current balance if it is a credit or subtracting the amount if it is an expense/debit.



Activity 2

Description of transaction	Credit (Money in)	Debit (Money Out)	Balance
Wages	4 x \$245 = \$980		\$980
Savings		4 x \$50 = \$200	\$780
Holiday savings			
Sister's repayment			
Charity donation			
Food			
Entertainment			
Mobile phone + insurance			
Transport			
Haircuts			
Birthdays			
Other expenses			
Balance at the end of the month is: _____			

Activity 2

Think about Joel's budget plan for the month that you have just created and answer the following questions.

b. What forms of income did Joel have that month? _____

c. What is Joel's combined income for the month?

d. What are Joel's combined expenses for the month?

e. List the debits that you think could change from month to month. Explain your answer.

f. Is Joel's income likely to be the same from month to month? Explain why this may change.

Tuesday

Complete your Speed Test and record your time in
the table above.

Glossary- 2 D Space

- **enlarge:** to make bigger
- **feature:** an attribute that can be easily observed, such as colour, size, thickness or length
- **irregular shape:** a polygon which has sides of different lengths and at least one angle is different from the others
- **line (axis) of symmetry:** a line that divides a shape in half so that each half is a mirror image of the other half
- **order of rotational symmetry:** the number of times a shape or design matches up with its original position when turning through one full rotation
- **property:** an attribute of a shape or object, such as (number of sides, angles, diagonals, lines of symmetry) that requires mathematical knowledge to be identified
- **regular shape:** all sides are equal in length and all interior angles are equal
- **rotate:** turning around a fixed point through any given angle, either clockwise or anti-clockwise
- **rotational symmetry:** a shape that looks identical in different positions when rotated around a central point.
- **two-dimensional (2D) shape:** a shape that has only two dimensions: length and width

Ignition Activity

Today's number is

76 301

Day: **256**

1. In words
2. 5 more
3. 20 less
4. Add 29.
5. Round to nearest 10
6. Odd or even?
7. Complete the pattern, add 3: 76301, __, __, __
8. Prime or composite?
9. Divisible by 10?
10. Half it.

Activity 1

Lesson 1

Lines of Symmetry

Watch and Learn

Watch the video for **2D Space Unit 2**.

In this lesson you will identify lines of symmetry on a variety of two-dimensional (2D) shapes.

Have A Go!

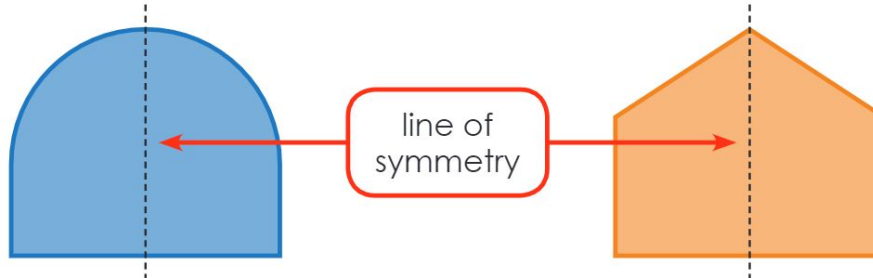
What does a **line (axis) of symmetry mean?**

A shape, drawing or photo can have a line or lines of symmetry if one half is a reflection of the other half. The line cuts the shape into two equal halves or mirror images. The line of symmetry can also be called an axis of symmetry, or axes of symmetry if there is more than one.

To check for a line of symmetry try folding the image in half. If the two halves are exactly the same, then the fold line is a line of symmetry.

Have a look at these examples.

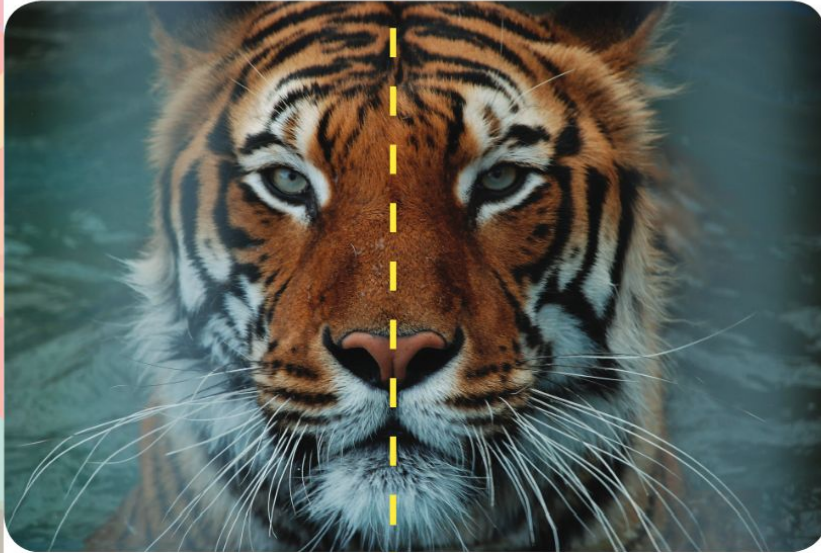
Both of these shapes have one line of symmetry.



If these shapes were folded along the dotted line, the two halves would fit on top of one another exactly.

Activity 1

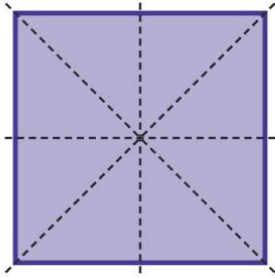
We see symmetry in natural and human environments all around us. The tiger's face and the Taj Mahal both show one line of symmetry. Both halves are identical to each other.



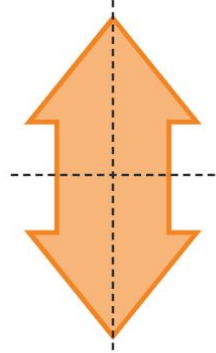
This photograph shows a reflection. You can see the bridge being reflected in the river.

Activity 1

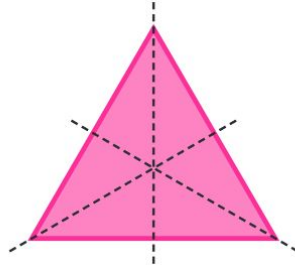
Some shapes or images have more than one line of symmetry. Look at the shapes below.



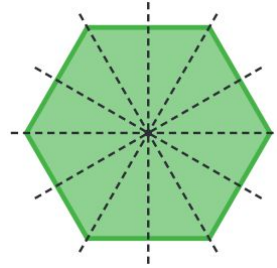
four lines of symmetry



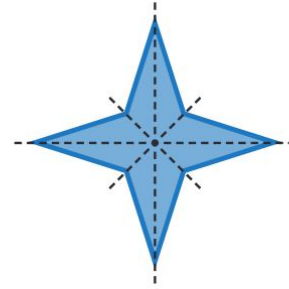
two lines of symmetry



**three lines of symmetry
(equilateral triangle)**



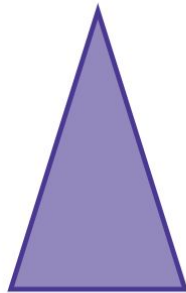
six lines of symmetry



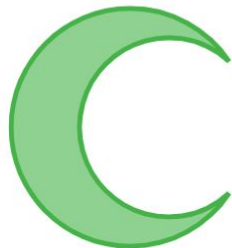
four lines of symmetry

1. Now it is your turn. Look at the shapes below and draw the lines of symmetry on them. Be careful - some may have no lines of symmetry, others may have one line, two lines or more. If you need to, trace the shapes onto paper, cut them out and fold them to find the lines of symmetry. Write underneath how many lines of symmetry each shape has.

a.



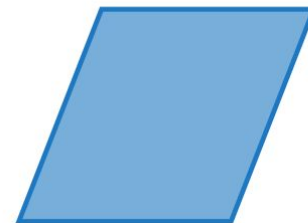
b.



c.



d.

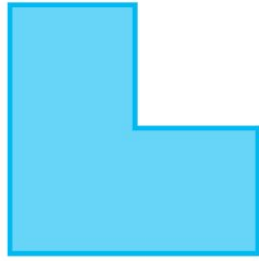


Activity 1

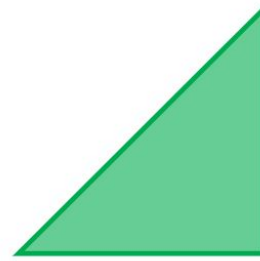
e.



f.



g.



h.



2. Complete the two pictures by drawing and colouring the other half of each insect. The dotted line represents the line of symmetry,

a.

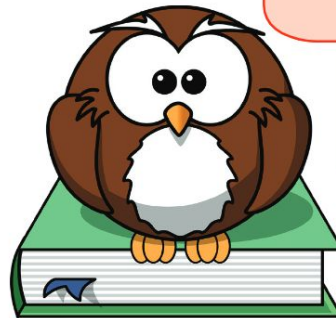


Activity 1

b.



Symmetry can be found in other natural living things such as the arrangement of leaves in the plant above.

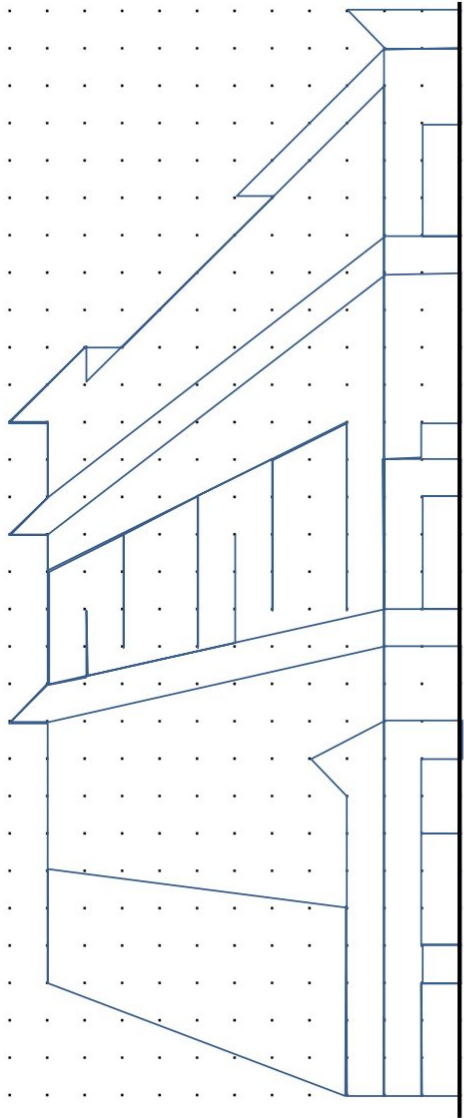


The term 'symmetry' comes from the Greek word *symmetria* meaning 'agreement in dimensions, due proportion, arrangement.'

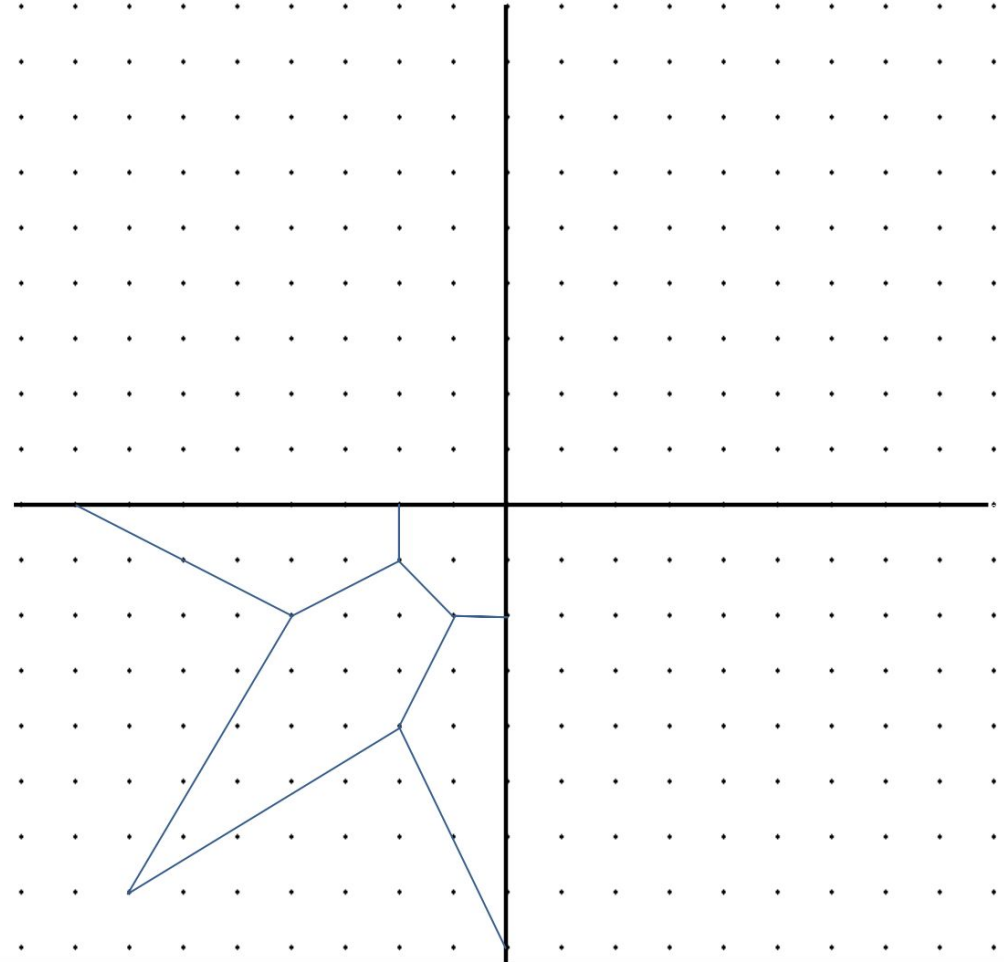
Activity 2

Use the grid to help you finish the picture.

LINE SYMMETRY BUILDING 1



2 LINE SYMMETRY FLOWER

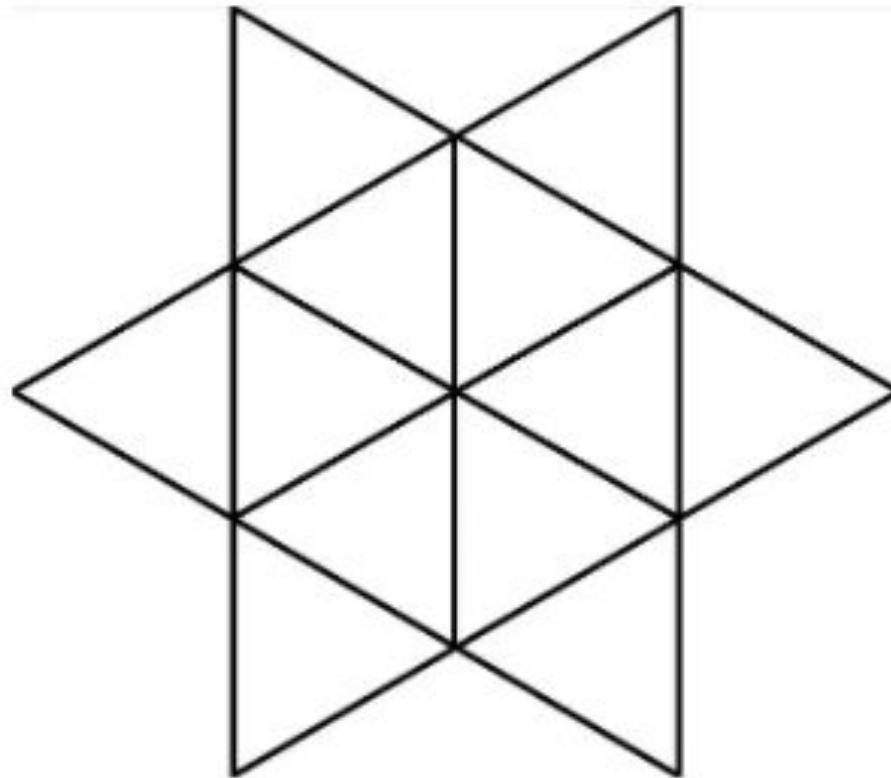


Wednesday

Complete your Speed Test and record your time in
the table above.

Ignition Activity

How many triangles can you see in this picture?



Activity 1

Party Time!

Your parents are going to throw you a birthday party for your younger sibling and will let you organise it. They will give you \$500 to spend on it. You are planning the party for 10 children in total.



Use the prices and information on the next few pages to design your own party. Remember to stick to your budget of \$500.

You will need to decide on the following:

- entertainment (if any)
- what you will do
- where the party will be held
- what food, drink and other items you will need

Step 1 Use the price lists to help you plan a budget which shows how you will spend the money.

Step 2 Draw a table in the space on the following page.

Step 3 In your table you will need to clearly state what you are spending the money on, the quantity needed and how much these will cost.

Step 4 Keep track of the costs as you make your table.

Activity 1

Home Entertainment

Super hero/Fairy entertainers	\$140 per hour
Jumping castle	\$189 per day
Clown, face painting and balloon twisting	\$130 per hour
Hire play equipment	\$50 per hour
Magician	\$110 per hour
Home disco kit	\$60 per day



Party Decorations and Toys

Balloons	\$3.99
Banners	\$6.50
Streamers	\$4.84
Whistles (10 pack)	\$8.92
Hats (5 pack)	\$6.45
Table cloths	\$3.89
Plates	\$2.99 for 20
Cups	\$2.89 for 10
Ready-made party bags	\$4.30 per bag
Invitations	\$1.99 (10 pack)
Pass-the-parcel toys	\$15 (8 pack)
Cupcake cases	\$3.99
Cocktail sticks	\$1.99



Activity 1

Food and Drink

Cake	\$35
Cupcakes (20)	\$20
Party pies (20)	\$5.99
Small quiche (20)	\$7.99
Sausage rolls (20)	\$7.85
Large pizza	\$6.50
Bag of chips	\$2.99
Muffins (4 pack)	\$3.99
Fruit kebabs	\$15.89
Salad and dips	\$14.35
Chocolate biscuits	\$4.99
Brownies (10)	\$5.75
1 packet of jelly	\$1.99
3 L tub of ice-cream	\$6.99
Coconut cakes (6 pack)	\$3.78
Lamingtons (6 pack)	\$3.00
Pavlova	\$8.99
Soft drink 2 L	\$2.99
Fruit juice 1 L	\$4.99



Outside Entertainment

Bowling - (including party balloons and hats)	\$22 per person
Cinemas - (including small popcorn and a drink)	\$18 per child
Trampoline - (including party bags)	\$23 per child
Indoor play centre (including a disco)	\$26 per child
Community centre - hall hire	\$30 per hour

Activity 1

[illegible][illegible]

Activity 1

Total Cost		

Activity 1

Answer the following questions about your party budget.

a. How well do you think you budgeted for the party?

b. What did you consider to be the most important things when making your decisions?

c. Were there any items that you deleted from your budget? If so, why?

d. What were some of the difficulties when deciding on a budget like this?

Thursday

Complete your Speed Test and record your time in
the table above.

Ignition Activity



Read the
instructions and
crack the code.
Choose your level.



The first number is half of 18.
The second number is one-third of the first number.
The third number is 421 minus 418.
The fourth number is double the third number.

← Answer this
in the pink text
boxes

The first digit is three times the fourth digit.
The second digit is one larger than the first digit.
The third digit is the second digit multiplied by $(13 + 6 - 9 + 1 - 11)$.
The fourth digit is the number of months in a year divided by 6.

← Answer this
in the pink text
boxes

Activity 1

Watch the video and follow the instructions to create a symmetrical artwork.

You will need:
a piece of black paper, a
piece of white paper, some
coloured tissue paper,
scissors and
a glustick

Take a photo of it and pop it
on the next slide,



My collage.

Friday's Challenge

Pop your answers on the following slide.

SORTING *seasons*

Infinity and Beyond - The Earth's Axis



You will need:

A3 paper, a protractor, a ruler and a pencil

- ☐ 1. The Earth is tilted on an axis. How many degrees is the tilt of the Earth's axis? Draw the sphere of the Earth representing this tilt.
- ☐ 2. Assume the Earth is not on a tilt. How does this impact your country of origin in terms of seasons?
- ☐ 3. Draw the Earth's axis on a tilt of 45 degrees. How does this impact the seasons on Earth?
- ☐ 4. How far is the Earth's orbit around the sun in kilometres? (Note: the Earth's orbit is not a perfect circle.) Measure your own height from head to toe. How many times does your height need to be accumulated to match this length?
- ☐ 5. Add a drawing of the sun to your drawing of the Earth on a tilt. Depending on where you draw the sun, label the seasons on Earth.

Extension

Draw a diagram where the southern hemisphere is the aphelion and the northern hemisphere is the perihelion.

Want more Maths?

You can also go onto
Mangahigh or Studyladder

Ask your teacher if you
need your login details.

Friday Challenge

A vibrant, painterly landscape. A bright yellow sun is partially hidden behind a green hill on the left. A thick blue river flows from the bottom left towards the center. To the right, a large, detailed brown tree with a hollowed-out trunk stands on a grassy bank. Several small, colorful leaves (red, yellow, green) are scattered on the ground near the tree. In the sky, three birds are depicted in flight. The overall style is expressive and artistic, with visible brushstrokes.

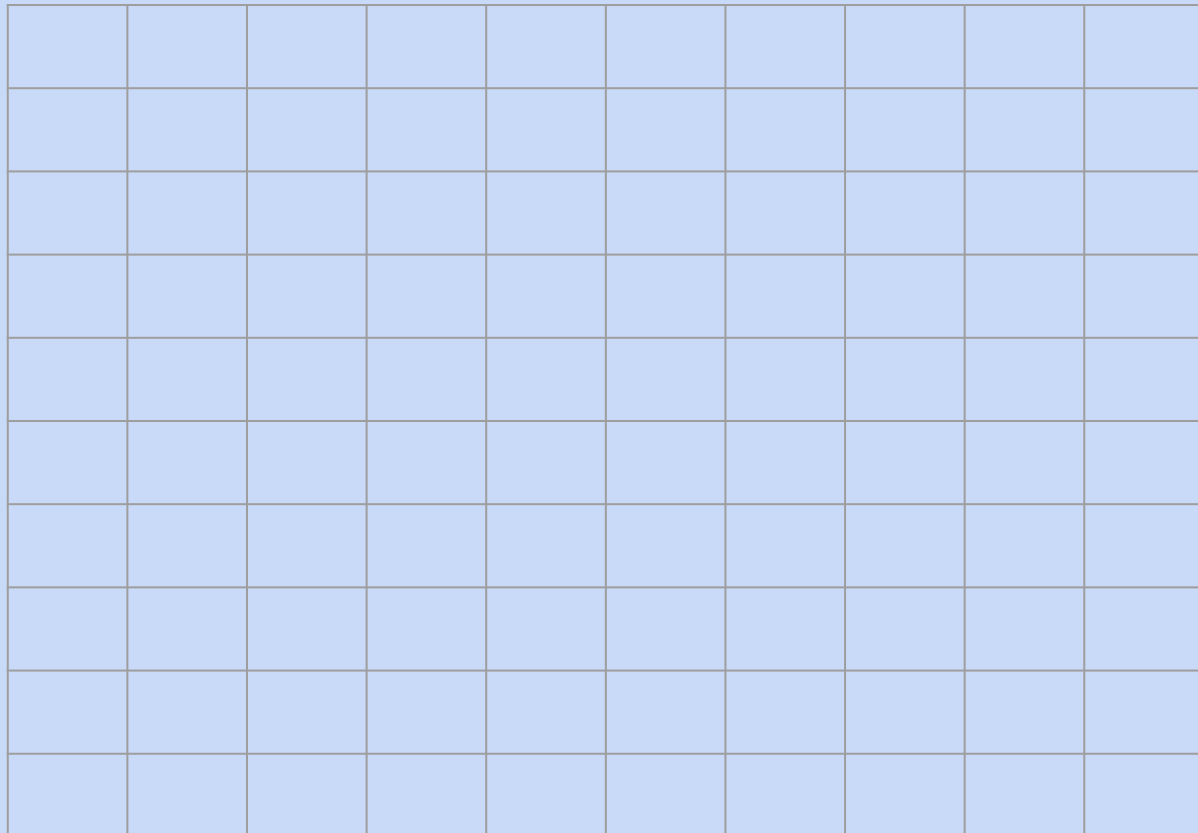
Passion Project

Week 2 Term 2

Activity 1

Using your knowledge of your passion project topic, come up with a list of at least 10 words that are related to your theme and create a find-a-word out of your list.

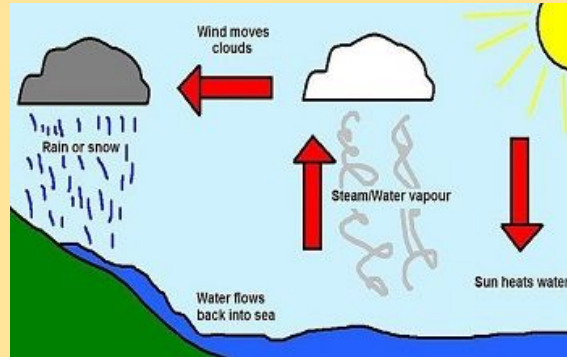
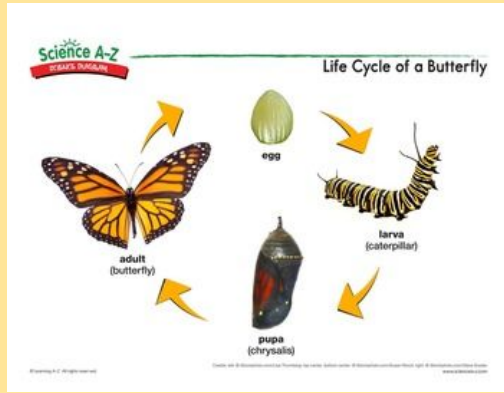
My Topic Words



Activity 2

Make a diorama or draw a diagram that effectively demonstrates your passion project topic.

For example, if my topic is the ocean, I might make a diorama showing a significant ocean food chain.



Activity 3

Design a quiz about your passion project topic. Include at least 10 questions in your quiz?

You could use Google Forms, Kahoot etc to create your quiz and share it with your class, or simply type in your Quiz questions on an extra slide. Try to come up with a variety of different question types eg: multiple choice, short answer or true/false questions.



Activity 4



If your project topic is just about something you like, or enjoy doing, write to a friend telling them WHY you like it and what makes it so great.

Write a letter to someone (a friend, teacher, newspaper, politician, government etc.) telling them about an aspect of your passion project topic.

For example, if my passion project topic is the ocean, I might write to the local newspaper explaining how upset I am at all the plastic waste that is left on our local beaches and the impact that has on the ocean environment. I might even include photos to further illustrate the issue.

