Home Learning Pack

Week 8 – Well being Week

Term 3, 2021
Stage 3

Barramurra
Public School

HOME
LEARNING

Wellbeing Week

This week we are focusing on our wellbeing. Our aim is to take some time to look after ourselves and our emotions.

Stage 3 Home Learning Grid - Term 3 Week 8

Barramurra Public School

Activities can be completed digitally on the Seesaw app or as a hard copy and uploaded as an image to Seesaw

	Monday	Tuesday	Wednesday	Thursday	Friday
Good Morning + Warmups	Answer the question given by your teacher on Seesaw and say good morning! Word of the Day — Complete the word of the day on Seesaw/Hard Copy and submit when complete				
Reading Log	Read for 20 minutes – PM e-collection, Reading Eggs or a book of your choice. Fill in your reading log, save as a draft and submit it on Friday.				
Literacy	Wellbeing Week Activity 1 Seesaw activity: Meditation Monday	Wellbeing Week Activity 2 Seesaw activity: Teamwork Tuesday	Wellbeing Week Activity 3 Seesaw activity: Wellbeing Wednesday	Wellbeing Week Activity 4 Seesaw activity: Thankful Thursday	Wellbeing Week Activity 5 Tech Free Friday Matrix
Physical Activity	Outdoor Physical Activity and Play — You could post a picture or video of yourself getting out and getting active				
Literacy	Father's Day: Activity 1 Seesaw activity: History of Father's Day comprehension activity	Father's Day: Activity 2 Seesaw activity: Newspaper article (choice of 3)	Father's Day: Activity 3 Seesaw activity: Abstract Nouns Poem	Father's Day: Activity 4 Seesaw activity: Word search and acrostic poem	Father's Day: Activity 5 Offline activity: Make a Father's Day card
Mathematics	Maths Seesaw activity: Data lesson 1. Log onto Prodigy and complete 30 minutes of activities	Maths Seesaw activity: Data lesson 2. Log onto Prodigy and complete 30 minutes of activities	Maths Seesaw activity: Data lesson 3. Log onto Prodigy and complete 30 minutes of activities	Maths Seesaw activity: Data lesson 4. Log onto Prodigy and complete 30 minutes of activities	Maths Offline activity: Data lesson 5
Other Key Learning Areas	Science & Technology: Seesaw activity: Coding or the offline Paper Boat Challenge STEM activity (or if you can't decide feel free to do both!)	Geography: Seesaw activity: Research Himalayas and rice art	Personal Development and Health: Seesaw activity: Mindfulness - The Amazing Brain	Creative Arts: Seesaw activity: Father's Day Artwork (to give as a present)	Wellbeing Week Activity 5 Tech Free Friday Matrix
Additional Optional Activities	PM e-collection/Reading Eggs (Online English) Log on to PM e-collection or Reading Eggs and explore. PM e-collection online Reading Eggs		Mathematics Youcubed nrich Maths OR Number of the day Maths Starters		Outdoor Physical Activity and Play Post a picture or video of yourself being active. DET - Learning from Home Resources https://education.nsw.gov.au/teaching-and-learning/learning-from-home/learning-at-home

Reading Log - Week 8

Reading Log – Week 8

Find a relaxing space in your house where you can read. Read a book, magazine or a book from the PM e-collection in your chosen space. Add the book you have read, a rating and a picture of where you read to your reading log. Be creative!

	Monday	Tuesday	Wednesday	Thursday	Friday
Book Title and Author	Title: Author:	Title: Author:	Title: Author:	Title: Author:	Title: Author:
Rating – give what you read a rating out of 5, where 1 is not very good and 5 is great!	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆	☆☆☆☆☆
Where I read	Where: Photo:	Where: Photo:	Where: Photo:	Where: Photo:	Where: Photo:

Word of the Day – Week 8

	Monday	**Tuesday**	**Wednesday**
Word	altitude	interpretation	mythology
Definition	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
In a sentence	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
Synonym	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
Antonym	_____ _____ _____ _____	_____ _____ _____ _____	_____ _____ _____ _____
Word Origin	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____
Words in word	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____

Word of the Day – Week 8

	Thursday	Friday
Word	hibernate	taunt
Definition		
In a sentence		
Synonym		
Antonym		
Word Origin		
Words in word		

Monday

Activities

be
POSITIVE
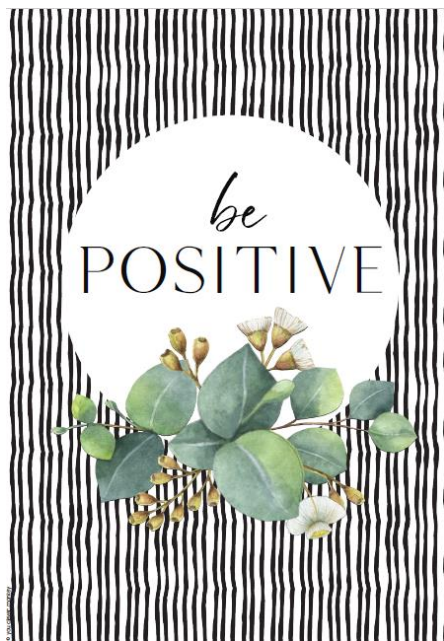
Well Being Activity 1

Meditation Monday

Today you will be enjoying some time to complete a guided meditation or yoga. You can choose which one you think you'd enjoy most.

What is Mindfulness & how to do it!

ZEN DEN
Mindfulness for kids

https://www.youtube.com/embed/8rp5bpFIUpg

Well Being Activity 1

https://www.youtube.com/embed/02EI468SdHg

https://www.youtube.com/embed/TCoUnEPeuQk

Father's Day

Father's Day is a day that is celebrated around the world. We celebrate all father figures, including fathers, step-fathers, uncles, grandfathers, godfathers, and carers.

The History of Father's Day

In 1908, a church in America held a ceremony for 362 men who died. The men died in an explosion at a mining company the previous December. Many of these men were fathers and grandfathers.

A year later, a young woman named Sonora Smart Dodd wanted to make an official day to honour all the fathers. This was after she heard an American woman giving a Mother's Day sermon at church. She thought that all the fathers should also have a special day dedicated to them too.

She was successful, and the first father's day was celebrated on the 19th June 1910. Today, Father's Day is celebrated on different days of the year by different countries.

When Does Australia Celebrate Father's Day?

Every year, Australia celebrates Father's Day on the first Sunday of September. On this day, we celebrate by showing our love and care for our father figures. We give thanks for our fathers, uncles, grandfathers, godfathers, stepfathers, carers, friends and even our teachers.

How do we celebrate Father's Day?

There are no set traditions on how people celebrate Father's Day, but it is a great time to show our appreciation to our father figures. You may like to:

- have a day out in the park;
- go on a fishing trip;
- give presents like chocolates, clothes, ties, handkerchiefs, toiletries, socks, or even a gift voucher;
- make breakfast in bed;
- go out to dinner;
- spend some quality time together as a family.

Father's Day Activity 1

Father's Day Questions

1. Where is Father's Day thought to have originated?

_____

2. What was the name of the young woman who made the official day of Father's Day?

_____

3. What was the date of the first official Father's Day?

_____

4. What is the purpose of Father's Day?

_____

_____

5. In Australia, when is Father's Day celebrated?

_____

6. Describe different ways children can make their fathers feel special on Father's Day.

_____

_____

7. Fill in the blanks using the words in the box below.

dedicated	June	fathers	honour	celebrate
Sonora Smart Dodd	different	countries	1908	America

In _____, a church in _____ held a ceremony for 362 men who died. The men died in an explosion at a mining company the previous December. Many of these men were _____ and grandfathers.

A year later, a young woman named _____ wanted to make an official day to _____ all the fathers. This was after she

STATISTICS & PROBABILITY
~DATA~

MONDAY WEEK 8
DOT PLOT GRAPHS

LEARNING INTENTIONS

Learning Intention	**Success Criteria**
• I can interpret data from a dot plot graph and understand the graph's purpose.	• I can read, understand and respond to data presented as a dot plot graph and create my own dot plot graphs.

WARM UP ACTIVITIES

COMPLETE THESE SIX MENTAL MULTIPLICATION QUESTIONS.

a) 12 x 3 =   b) 24 x 3 =

c) 8 x 4 =   d) 16 x 2 =

e) 15 x 8 =   f) 30 x 4 =

FOR YOUR SECOND WARM UP ACTIVITY – WRITE DOWN THE REASONS, OR SITUATIONS, THAT YOU CAN THINK OF WHY WE MIGHT USE A GRAPH TO REPRESENT DATA.

REVISION - DATA

- What is 'Data'?
  - Data is facts, information and statistics collected together. It is used to refer to or to analyse. Basically *Data* is the raw information that we can then put into a graph to represent or display the data.

WHAT IS DATA? It is information.

An example:
In my fifth grade class we took a pizza lovers survey.
We learned that ten kids liked pepperoni pizza best.
Nine kids liked sausage pizza best.
Seven kids liked cheese pizza best.

This information is called DATA.

If a mom was planning a pizza party for the class, she would need the pizza lovers survey DATA.

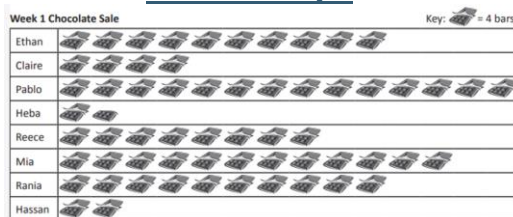I need to order 10 pepperoni, 9 sausage and 7 cheese pizzas.

REVISION - DATA

- Examples of Data Displays (Graphs) that you might see.

Tally Marks

Week 2 Chocolate Sale

Student	Tally
Ethan	JHT JHT JHT JHT IIII
Claire	JHT JHT JHT III
Pablo	JHT JHT JHT I
Heba	JHT JHT II
Reece	JHT III
Mia	JHT JHT JHT I
Rania	JHT JHT II
Hassan	JHT JHT JHT JHT JHT JHT II

Picture Graph

Week 1 Chocolate Sale

Key: = 4 bars

Ethan	
Claire	
Pablo	
Heba	
Reece	
Mia	
Rania	
Hassan	

Pie Graph

Saturday Night Activities

Went to the movies
Sleepover
Party
Stayed home

Line Graph

Cooling Water

Column Graph

Total Rainfall in October

Key: Oct   Nov

Dot Plot Graph

Family Size

Number of Children in Family
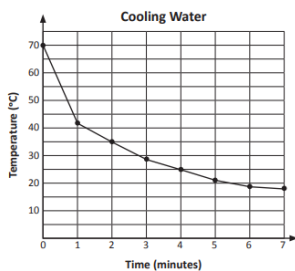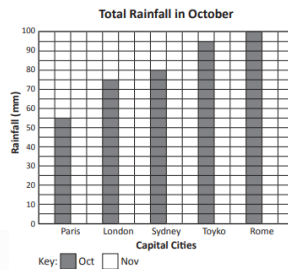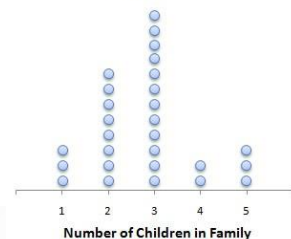
DATA REPRESENTATION – DOT PLOTS

- ## What is a dot plot?
- A dot plot is a way of visually representing whole number counts of data. It can be used as an alternative to a column graph. It relies on sorting and plotting data along an axis and is usually used for small data collections.
- A dot plot is best used for displaying categorical data, that is, data that can be separated into distinct groups or categories such as colour or modes of transport.
- Dot plots are sometimes called 'stacked dot plots' and can resemble a picture graph where one picture or symbol represents a single piece of data.
  Dot plots can be created using digital technology, or as a simple paper
  display using resources such as dot stickers. If creating dot plots by hand,
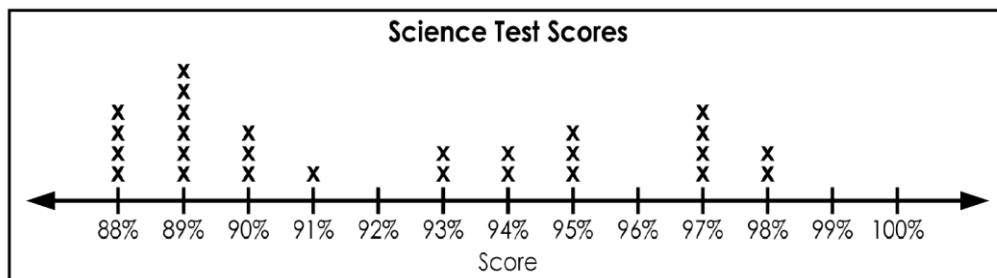 grid paper is useful to ensure good alignment of the data values.

Dot plot of 5K's school shoe size
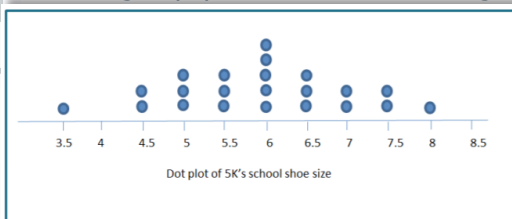
FEATURES OF DOT PLOTS

- **Only one axis**. The axis is usually horizontal and labelled.
- A dot (or symbol such as x) to represent each count or piece of data from the data set, with each dot placed above the corresponding category on the axis.
- When there is more than one piece of data relating to a particular category, the dots are stacked to represent the frequency of data. The dots should be aligned and spaced evenly.
- Careful consideration will need to be given to the construction of the axis. The axis will need to display all the possible categories for the data set.

Dot plot of 5K's school shoe size
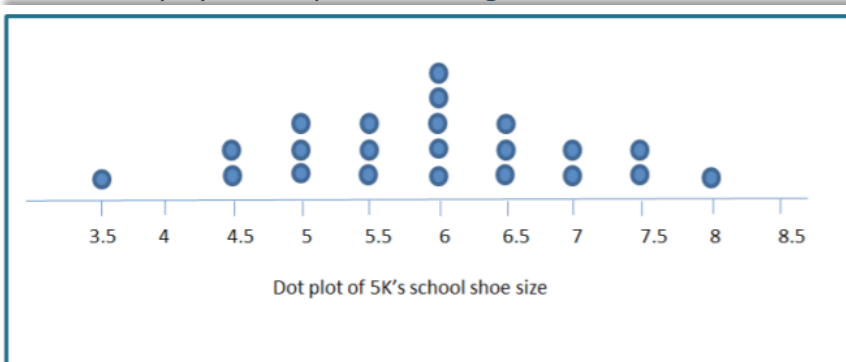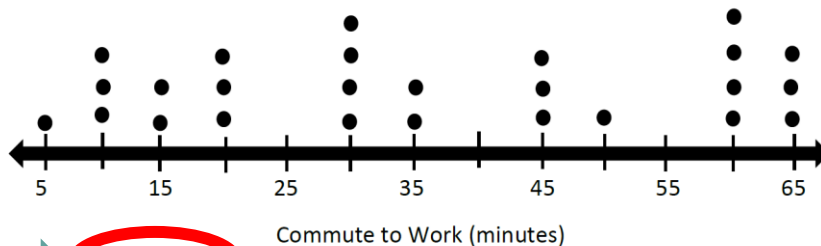
DOT PLOT ACTIVITIES

Mr. Bradley is very proud of all the students in his science class. They all studied hard and did an excellent job on last week's science test. Everyone in the class scored an 88% or higher! The line plot below shows the score distribution.

Science Test Scores

```
                    X
                    X
          X         X
          X         X         X
          X         X         X                   X                     X
          X         X         X           X       X       X             X
          X         X         X       X   X       X       X             X       X
   ◄——————┼————————┼————————┼————————┼————————┼————————┼————————┼————————┼————————┼————————┼————————┼————————┼————————►
         88%      89%      90%      91%      92%      93%      94%      95%      96%      97%      98%      99%     100%
                                              Score
```

- How many students received a score of 94%? _____
- What was the highest score in the class? _____
- What was the lowest score in the class? _____
- How many students received a score in the 80s? _____
- How many students are in Mr. Bradley's science class? _____

DOT PLOT ACTIVITIES

Lincoln Elementary surveyed people and asked, on average, how many minutes it takes for them to commute into work in the morning. The results are shown in the dot plot below.

```
                              ●                               ●
              ●       ●       ●               ●               ●       ●
              ●   ●   ●   ●   ●       ●       ●               ●       ●
          ●   ●   ●   ●   ●   ●   ●   ●   ●   ●   ●           ●       ●
   ◄——————┼————————┼————————┼————————┼————————┼————————┼————————┼————————►
          5       15      25      35      45      55      65
```

Commute to Work (minutes)

Keep an eye out for this key and use it in your calculations ➡ (● = 2 people)

- How many people said it takes them an hour or more to commute in to work? _____
- How many people did Lincoln Elementary survey? _____
- Did more people say it takes them less than a half hour or more than a half hour to get to work? What is the difference between the two? _____ _____
- Write a statement that is true about the data shown in the dot plot above. _____
_____

DOT PLOT ACTIVITIES – YOUR TURN

Name_____ ## Dot Plot Dice Roll

You need one regular **6**-sided dice for this page.

Directions: Roll a **6**-sided dice **50** times (keep track of your rolls using the tally chart box shown to the right). Record the numbers you rolled by creating a dot plot below. Use an **X** or a ● to mark each roll. Make sure you make your **X** or ● the same size each time.

Keep track of your rolls by making tally marks in the space below.

X or ● = 1 roll

1   2   3   4   5   6
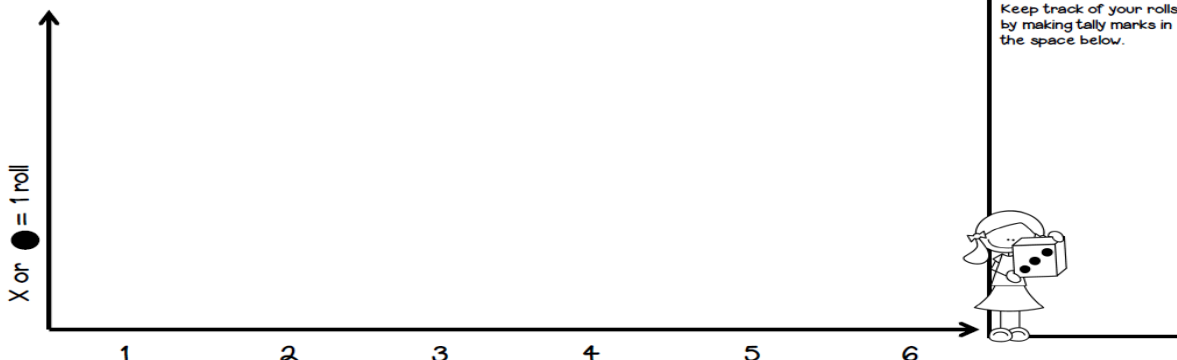
1. Which number did you roll the most?_____

2. Which number did you roll the least?_____

3. Write two other observations you can make about your results. Use comparing words like "more than" or "less than."

Observation 1 _____

Observation 2 _____

REFLECTION

☐ I can read, understand and respond to data presented as a dot plot graph and create my own dot plot graphs.

☐ I know that data can be presented in many different ways.

☐ What is one new thing you learnt today in Mathematics?

_____

_____

IT'S PRODIGY TIME
REMEMBER TO LOG INTO YOUR CLASS PRODIGY ACCOUNT AND
ENJOY UP TO 30MINS OF PRODIGY TIME!

STEM – Paper Boat Challenge

Learning Goal:
We will be able to carry out the STEM engineering process to create a paper boat that floats with weight placed on it.

Success Criteria:

We have:

- ❏ Understood the question being asked
- ❏ Imagined some ideas to solve the challenge
- ❏ Created a plan to address the challenge
- ❏ Created a paper boat
- ❏ Test and record our first attempt
- ❏ Explain and made a second boat with improvements
- ❏ Measure the new improved boat and record your findings

STEM ENGINEERING PROCESS

1 ASK — WHAT IS THE PROBLEM I NEED TO SOLVE?

2 IMAGINE — WHAT ARE SOME WAYS TO SOLVE THIS PROBLEM?

My friends and I need to design a fast bike to ride to school!

3 PLAN — WHAT ARE WE GOING TO DO TO SOLVE THE PROBLEM?

4 CREATE — LET'S BUILD IT!

5 TEST — HOW WELL DOES IT WORK?

6 IMPROVE — WHAT CAN WE DO TO MAKE IT BETTER?

If you have access to a device, scan or take photos of these worksheets and upload to Seesaw and include photos for each of the steps.

The most weight in a boat Ms Clark has seen completed by students in a Primary class was just over 170g

(using 5c pieces).

CHALLENGE ACCEPTED!
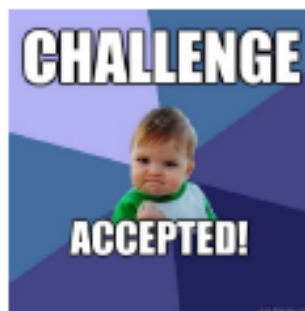
Monday – Science & Technology/STEM

1. What is the problem?

You will have two attempts to create your boat using:

· Only **one** pieces of A4 paper (cut in half. One half used for each attempt)

· Sink / bucket (something to test your boat in)

· Small items for measuring (e.g. marbles, coins, LEGO – consistent size/weight

· Scale (optional)

When you make your second paper boat with improvements to your design remember you are using the

other half of the one piece of paper.

2. Imagine. What are some ways to solve this problem?

You can be as crazy or as simple as you like with your ideas (remember these are ideas not your plan, you

might not end up using any of them).

3. Plan. What are you going to do to solve the problem?

You can: write or draw your plan.

4. Create your paper boat. You can only use ½ a piece of paper.
If you don't have access to A4 paper (new or scrap) you could use a magazine page, quarter of a newspaper,
etc.
Take a photo.

5. Test. How much can it hold?
Place your boat in water and then start to load it up slowly.
If you have access to a scale, once complete weigh your items to see how many grams your boat was able to
hold.
Take a photo and record what you used as weights and how many of them. If you were able to weigh them
also record this in grams.

6. Improve. Describe what could be better and explain any changes you could make to improve how much your boat
can hold.

7. Test again. Now how much can it hold?

Use the same method of measurements as your first boat

Take a photo and record what you used as weights and how many of them. If you were able to weigh them

also record this in grams.

WINNER

Which boat could hold the most weight?

REFLECTION:

Did you enjoy this STEM activity? Why/Why not?

_____
_____
_____
_____

What was challenging about this activity?

_____
_____
_____
_____

How did you overcome your challenges?

_____
_____
_____
_____
_____

Tuesday Activities

be
HAPPY

Teamwork Tuesday

Today you will be working together with someone in your family to do something as a team. You could play a game, complete a job around the house or even just spend some quality time together.

It makes us happy when we do things with people who are special to us!

LET'S GET ALONG!

It's **Great** to **Work** Together

Teamwork can make a Dreamwork

Father's Day Activity 2

NEWSPAPER ARTICLE

YOUR TASK:

Choose one of the newspaper article templates and complete the article showcasing your dad, grandfather/pop or even uncle and why you think they are the world's best.

Think about the qualities that make your dad/grandfather/uncle special and unique and what you love most about them.

Give a copy of this to your special someone on Father's Day ☺

REMEMBER TO CHECK:

Have I included a photo of my special person or drawn a picture?

Does my writing makes sense?

Have I spelt words correctly?

Have I remembered my basic sentence punctuation?

Optional:

You can choose to do more than one newspaper article.

Dad Times
Special Edition

World's Best Dad

Dad Checklist
- Funny ☐
- Caring ☐
- Brave ☐
- Cool ☐
- Crafty ☐
- Happy ☐
- Smiley ☐
- Brilliant ☐
- Wise ☐
- Trustworthy ☐
- Considerate ☐
- Loving ☐
- Cuddly ☐
- Kind ☐
- Silly ☐
- Thoughtful ☐
- Smart ☐
- Awesome ☐

The winning dad and his family (Draw a picture of you and your dad)

When asked about this prize, his child said:
My dad is amazing! He is _____
When he _____, it makes me so happy.
I love spending time with him, especially doing _____
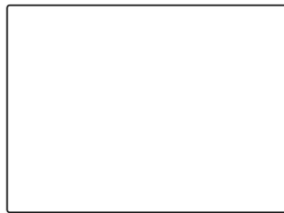He is brilliant at _____
He really is the best dad ever!

Grandad Times
Special Edition

World's Best Grandad

Grandad Checklist
- Funny ☐
- Caring ☐
- Brave ☐
- Cool ☐
- Crafty ☐
- Happy ☐
- Smiley ☐
- Brilliant ☐
- Wise ☐
- Trustworthy ☐
- Considerate ☐
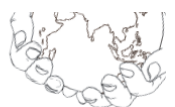- Loving ☐
- Cuddly ☐
- Kind ☐
- Silly ☐
- Thoughtful ☐
- Smart ☐
- Awesome ☐

The winning grandad and his family (Draw a picture of you and your grandad)

When asked about this prize, his grandchild said:
"My grandad is amazing! He is _____
When he _____, it makes me so happy.
I love spending time with him, especially doing _____
He is brilliant at _____
He really is the best grandad ever!

twinkl www.twinkl.co.uk

MY NEWS

WORLD'S BEST ☐

The award for best ☐ goes to
_____

Written by _____
_____
_____
_____
_____
_____
_____
_____

Dad Times

Special Edition

Dad Checklist

- Funny ☐
- Caring ☐
- Brave ☐
- Cool ☐
- Crafty ☐
- Happy ☐
- Smiley ☐
- Brilliant ☐
- Wise ☐
- Trustworthy ☐
- Considerate ☐
- Loving ☐
- Cuddly ☐
- Kind ☐
- Silly ☐
- Thoughtful ☐
- Smart ☐
- Awesome ☐

World's Best Dad

The winning dad and his family (Draw a picture of you and your dad)

When asked about this prize, his child said:

My dad is amazing! He is _____.

When he _____, it makes me so happy.

I love spending time with him, especially

doing _____.
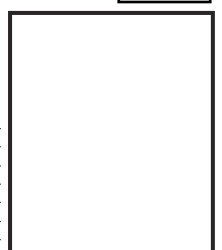
He is brilliant at _____.

He really is the best dad ever!

Father's Day Activity 2

Grandad Times

Special Edition

Grandad Checklist

Funny ☐
Caring ☐
Brave ☐
Cool ☐
Crafty ☐
Happy ☐
Smiley ☐
Brilliant ☐
Wise ☐
Trustworthy ☐
Considerate ☐
Loving ☐
Cuddly ☐
Kind ☐
Silly ☐
Thoughtful ☐
Smart ☐
Awesome ☐

World's Best Grandad

The winning grandad and his family (Draw a picture of you and your grandad)

When asked about this prize, his grandchild said:
"My grandad is amazing! He is _____.
When he _____, it makes me so happy.
I love spending time with him, especially
doing _____.
He is brilliant at _____.
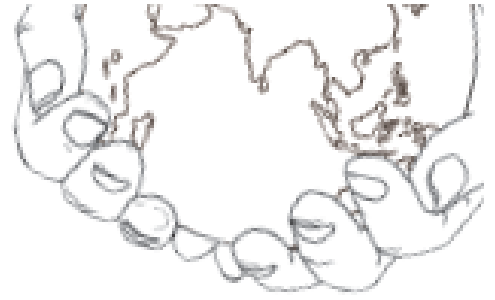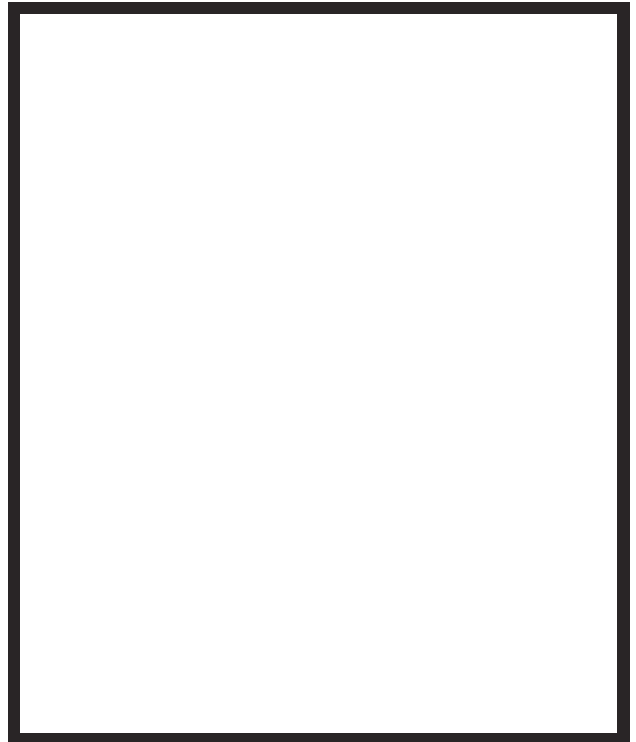He really is the best grandad ever!

twinkl www.twinkl.co.uk

MY NEWS

WORLD'S BEST

The award for best
goes to

_____

Written by _____

_____
_____
_____
_____
_____

_____
_____
_____
_____
_____

_____
_____
_____
_____
_____

STATISTICS & PROBABILITY
~DATA~
TUESDAY WEEK 8
DETERMINING THE MOST APPROPRIATE
DISPLAY OF DATA
LEARNING INTENTIONS

Learning Intention	Success Criteria
• I can consider the data given and determine the most appropriate method of displaying the data.	• I understand that certain data types match different graphs. • I can make a decision about which graph is needed for the data I am given and then create that graph.

WARM UP ACTIVITY

COMPLETE THESE SIX MENTAL MULTIPLICATION QUESTIONS.

a) 8 x 3 =   b) 8 x 30 =

c) 12 x 5 =   d) 12 x 50 =

e) 60 x 20 =   f) 600 x 2 =

REVISION - DATA

- What is 'Data'?
    - Data is a general term for a set of observations and measurements collected during any type of systematic investigation.
    - Primary data is data collected by the user. Secondary data is data collected by others. Sources of secondary data include web-based data sets, the media, books, scientific papers, etc.

- What is a 'Data Display'?
    - A data display is a visual format for organising and summarising data.
    - Examples include tally mark tables, column graphs, dot plot graphs and pie graphs.
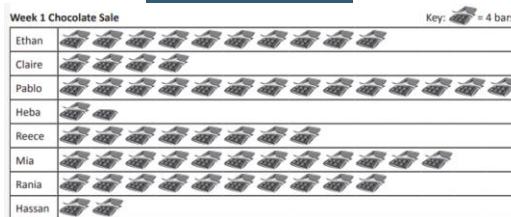
REVISION - DATA

- Examples of Data Displays (Graphs) that you might see.

Tally Marks

Week 2 Chocolate Sale

Student	Tally
Ethan	卌 卌 卌 卌 IIII
Claire	卌 卌 卌 III
Pablo	卌 卌 卌 I
Heba	卌 卌 II
Reece	卌 III
Mia	卌 卌 卌 I
Rania	卌 卌 II
Hassan	卌 卌 卌 卌 卌 卌 II

Picture Graph

Week 1 Chocolate Sale   Key: 🍫 = 4 bars

Ethan, Claire, Pablo, Heba, Reece, Mia, Rania, Hassan

Pie Graph
Saturday Night Activities

Went to the movies, Sleepover, Party, Stayed home

Line Graph
Cooling Water

Temperature (°C) vs Time (minutes)

Column Graph
Total Rainfall in October

Rainfall (mm) — Paris, London, Sydney, Toyko, Rome
Capital Cities
Key: � Oct □ Nov

Dot Plot Graph
Family Size

Number of Children in Family
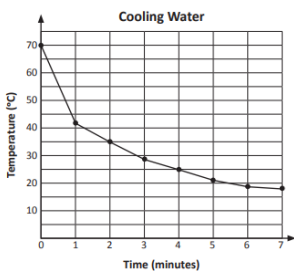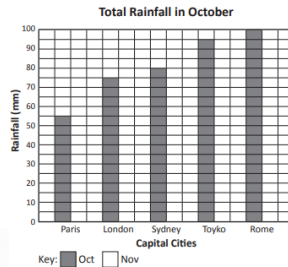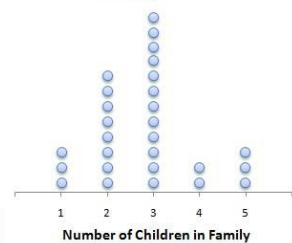
DATA REPRESENTATION – LINE GRAPHS

Line graphs show how something changes over time in relation to something else. In this topic, we'll look at different examples of line graphs. Look at the line graph below. See how the more time passed, the higher the water got?

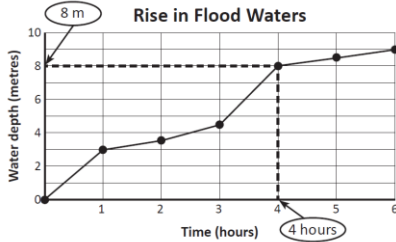In which hour was the water 8 metres deep? Look below for how we read this information:

Rise in Flood Waters

Polly and her friend Molly were practising reading a thermometer for homework. They boiled water in a kettle and then took turns measuring the temperature every minute as it cooled down. To make this more interesting, they made it a guessing game.

Look at the graph and answer the questions to see how they went:

a Polly guessed that after 1 minute the temperature would be 46 °C. Was she right?

b Molly guessed that after 2 minutes the temperature would be 34 °C. Was she right?

Look closely at the graph they made showing the temperature of the water in the kettle.

c What is the value of each small division on the temperature axis?

Cooling Water

d By how much did the water cool down between 2 minutes and 4 minutes?
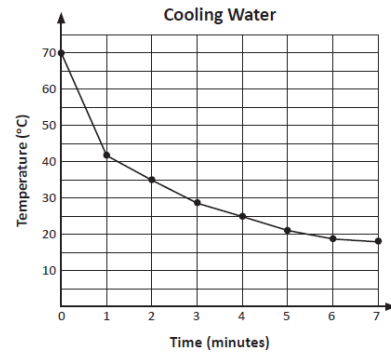
DATA REPRESENTATION – LINE GRAPHS

Let us now look at how to make a line graph.

The average rate that water evaporates from an indoor swimming pool is 6 mm a month.

a Complete this table to show how much water will evaporate over 6 months:

Millimetres	6					
Month	January	February	March	April	May	June

b Label the vertical axis with an appropriate scale, then plot the points and join the points with a ruler. What else do you need to add to make this graph complete?
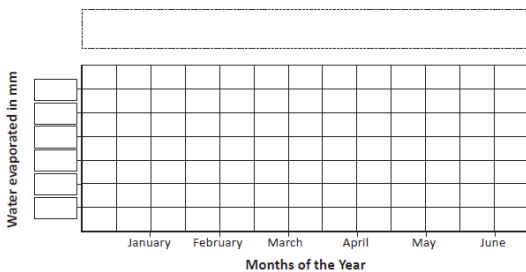
c Write 2 questions about this graph and write the answers.

Let's see how to build a line graph from a data table. This data shows the rate of filling a fish tank with water.

Minutes	1	2	3	4	5
Litres	15	30	45	60	75

Usually, we join the dots, but sometimes we don't.

Step 1
Carefully plot the data from the table.

Rate of Filling a Fish Tank
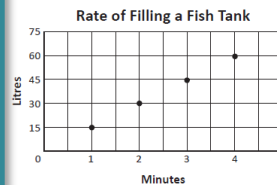
Step 2
Join the points with straight lines.

Rate of Filling a Fish Tank

DETERMINING WHICH GRAPH TO USE

- It is now up to you to determine which graph is the best to use for the data set provided to you. Look at the data and then choose and create the graph that you think best fits the data.

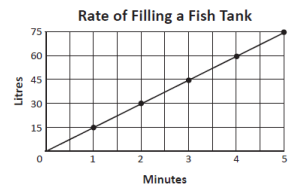1. Study all the different types of graphs showing sales of chocolate bars. Match each graph to its main feature by completing the table below:

Picture Graph

Sales of Chocolate Bars

Monday	
Tuesday	
Wednesday	
Thursday	

Key: = 10 chocolate bars

Divided Bar Graph

Sales of Chocolate Bars

Mon   Tues   Wed   Thurs

Column Graph

Sales of Chocolate Bars

Day of the Week

Pie Chart

Sales of Chocolate Bars

Thursday 20 | Monday 20 | Tuesday 30 | Wednesday 40

Line Graph

Sales of Chocolate Bars

Day of the Week
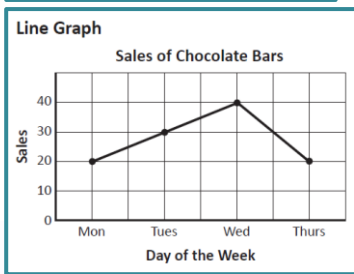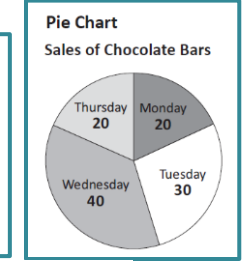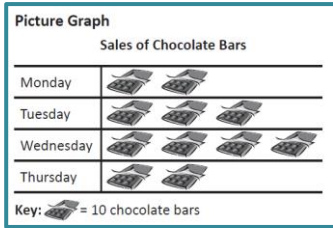
Main Feature	Name of Graph
Clear to see how big each category is compared to the whole. Sometimes has a key and looks like a pie.	
Shows an exact amount in each category and allows you to compare categories.	
Compares sizes of categories at a glance and takes up very little space.	
Shows numerical data using pictures. Has a key.	
Shows how data changes in relation to something – usually time.	

DETERMINING WHICH GRAPH TO USE

2. Here are 3 different sets of data. Read over each table of data and decide which is the most appropriate graph to use on the next slide.

Graph 1

Name	Number of Books
Blair	8
Charlie	4
Amity	5
Nicky	12

Graph 2

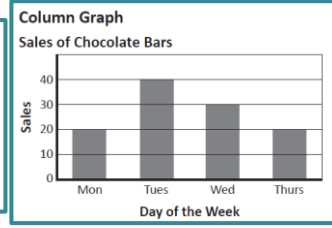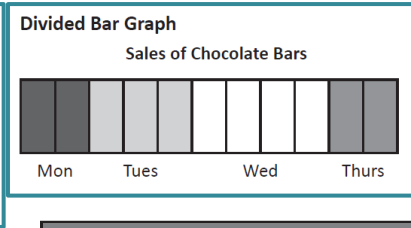| Week	Height of Plant
1	2.5 cm
2	3 cm
3	5 cm
4	7.5 cm
5	9 cm
6	9.5 cm

Graph 3

Item	Profit
Hot food	$40
Chips	$30
Drinks	$20
Fruit	$10

Construct the graphs using the templates below. You must work out the scale, label the axes and remember a heading for each graph:

a Show how many books each person read over the holidays. It should be clear to see who read the most and who read the least.

b Show how much a plant has grown over 6 weeks. It should be clear to see where the biggest growth spurt was.

c Show what the $100 profit that the canteen made yesterday was made up of.
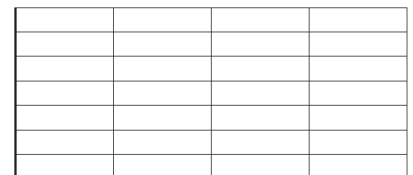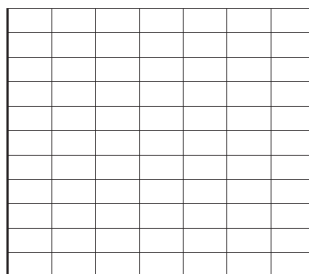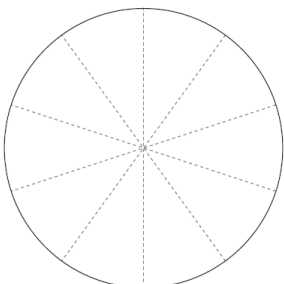
DETERMINING WHICH GRAPH TO USE

3. Cupcake Creations has asked you to analyse their sales figures. Look at the table below. It represents cupcake sales over a 4 week period. Use the data below and create the most appropriate graph on the next slide.

Type	Week 1	Week 2	Week 3	Week 4	TOTAL
Strawberry Kiss	155	150	125	146	
Mud Angel	207	185	167	193	
Vanilla Cream	25	95	33	143	
Blueberry Bubble	75	50	65	22	
TOTAL					

DETERMINING WHICH GRAPH TO USE

3. Cupcake Creations Sales Graph. **Remember to use all the appropriate features of your chosen graph.**

REFLECTION

❑ I understand that certain data types match different graphs.

❑ I can make a decision about which graph is needed for the data I am given and then create that graph.

❑ What is one new thing you learnt today in Mathematics?

_____

_____

It's Prodigy Time Remember to log into your class Prodigy account and enjoy up to 30mins of Prodigy Time!

What are some of the geographical features of Asia?

LEARNING INTENTION:

- Identify countries and geographical features of Asia.

- communicates geographical information using geographical tools for inquiry

SUCCESS CRITERA:

- Conduct research to explain geographical features and naming conventions

Tuesday - Geography

Conduct your own research to find out how the Himalayan mountain range was formed. Write a one sentence explanation in your own words.

_____

_____

_____

_____

Write two geographical questions about the Himalayas and conduct research to find the answers.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

What is:

• Australasia? _____

_____

• Oceania? _____

_____

• Micronesia? _____

_____

• Polynesia? _____

_____

Tuesday - Geography

The Asian continent is the largest consumer of rice in the world. There are more than 200 million rice farms across Asia. Rice growing sustains many of the poorer rural areas in Asia, employing millions of people each year. The Asian climate and landscape are well suited to rice growing so practices and processes have been well established over many years.

Do an internet search on rice paddy art.

Choose your favourite rice paddy art image, then sketch and label it with the types of rice used and where it is located.

Wednesday

Activities

be
STRONG

Well Being Activity 3

Wellbeing Wednesday

Today we are going to talk about what wellbeing is and how we can improve it. What works for you may not work for someone else. We are all different!

THE STORY TIME FAMILY

READ ALOUD

IN MY HEART

A Book of Feelings

https://www.youtube.com/embed/xIfLgHBwYx4

A LITTLE SPOT OF FEELINGS

Written & Illustrated by Diane Alber

https://www.youtube.com/embed/YC3SQnoggjM
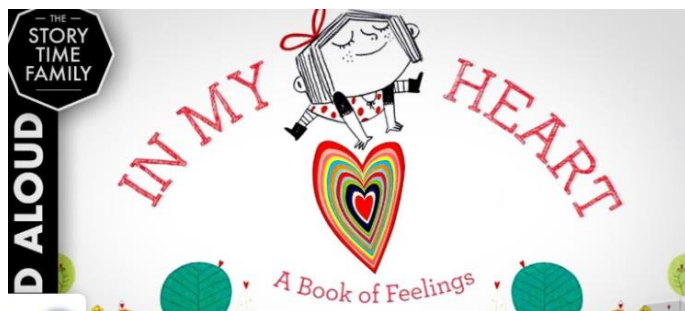
Well Being Activity 3

Tell us how you are feeling. We know that things feel different for everyone at the moment and that's okay. It's normal to feel lots of different feelings at the same time.

Today I feel...

ANGRY	ANNOYED	PROUD	EXCITED	SILLY	CALM
MAD	IRRITATED	BRAVE	POSITIVE	HAPPY	RELAXED
FRUSTRATED	FURIOUS	CONFIDENT	GOOFY	DELIGHTED	CREATIVE
	DETERMINED	JOY	OPTIMISTIC	PEACEFUL
	HOPEFUL	GREAT	AT EASE

One trick I use A LOT is this FEELINGS chart! Can you point out how you are FEELING now?

Way to go! You're already SPOTTING your FEELINGS!

DISAPPOINTED	UPSET	ANXIOUS	AFRAID	SHY	LOVED
MISERABLE	SAD	UNEASY	EMBARRASSED	SCARED	SPECIAL
HURT	LONELY	WORRIED	NERVOUS	CONCERNED	CARED FOR
LEFT OUT	DOWN	FEAR	LOST	STRESSED	APPRECIATED
DEFEATED	DISCOURAGED	OVERWHELMED	OVERWHELMED	INVISIBLE	CONFUSED

YOUR TASK:

Look at the different feelings and finish the sentence.

Today I feel _____

_____

Well Being Activity 3

Now lets look at ways we can improve how we feel!

Read a Book or Magazine	Play Board Games or Do a Puzzle	Garden or Do Yardwork	Create Origami	Stretch or Practice Yoga	Discover Treasures in Nature	Take a Shower or Bath
Hug or Climb a Tree	Use Positive Affirmations	Use a Stress Ball or Other Fidget Tool	Take a Walk or Go Jogging	Make Art	Visualize a Calm & Peaceful Place	Ride a Bike or Skateboard
Help Others	Journal or Write a Letter	Cuddle or Play with Your Pet	Jump On A Trampoline	Get Plenty of Sleep	Clean, Declutter or Organize	Smile & Laugh
Take Care of the Earth	Make & Play with Slime or Clay	Make Feel-Good Lists	Listen to Music	Cook or Bake	Weave, Knit or Crochet	Take or Look at Photographs.
Make a Collage or Scrapbook	Take Slow, Mindful Breaths	Blow Bubbles	Play Sports	Build Something	Talk to Someone You Trust	Cry

YOUR TASK:

Even if you are happy, there are always things we can do to make us feel great!

What are you going to do today to improve the way you are feeling?

_____

_____

Father's Day Activity 3

ABSTRACT NOUNS POEM

YOUR TASK:

You need to write an abstract noun poem about your dad/grandfather/uncle. Abstract noun poems are very interesting. They incorporate our senses into poems.

> **These poems follow a formula:**
>
> 1st line: Colour
>
> 2nd line: Smell
>
> 3rd line: Taste
>
> 4th line: Sound
>
> 5th line: Feel
>
> 6th line: Looks like
>
> 7th line: Where it lives or can be found

Think about the qualities that make your dad/grandfather/uncle special and unique and what you love most about them.

Give a copy of this to your special someone on Father's Day ☺

REMEMBER TO CHECK:

Does my writing makes sense?

Have I used the 5 senses to describe my special person?

Have I spelt words correctly?

Have I remembered my basic sentence punctuation?

Optional:

You can choose to do more than one abstract noun poem.

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

2nd line: Smell

3rd line: Taste

4th line: Sound

5th line: Feel

6th line: Looks like

7th line: Where it lives or can be found

Here! Check these examples out! →

He's the colour of the brightest star.

He smells like fresh aftershave.

He tastes like a sausage sandwich.

He sounds like the birds chirping in the trees.

He feels like a big warm hug.

He looks like a knight in shining armour.

He lives inside my heart.

Dad

_____

_____

_____

_____

_____

_____

_____

_____

_____

My

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

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He looks like a knight in shining armour.

He lives inside my heart.

_____

_____

_____

_____

_____

_____

_____

_____

_____

STATISTICS & PROBABILITY
~DATA~

WEDNESDAY WEEK 8
INTERPRET & DESCRIBE DATA

LEARNING INTENTIONS

Learning Intention
- I can describe and interpret different data sets in context.

Success Criteria
- I can confidently make interpretations of data presented to me.
- I can describe various data shown in graphs.

WARM UP ACTIVITY

READ EACH QUESTION AND CHOOSE WHICH WOULD BE THE BEST GRAPH FOR THE INFORMATION.

1) YOU ARE ASKED TO COMPARE THE NUMBER OF 5TH AND 6TH GRADE STUDENTS WHO CHOOSE PIZZA EACH DAY. WHICH IS THE BEST GRAPH TO SHOW THIS DATA?

A) LINE GRAPH   B) PIE GRAPH   C) DOUBLE BAR GRAPH   D) BAR GRAPH

2) YOU ARE ASKED TO MAKE A GRAPH TO SHOW THE PERCENTAGE OF DIFFERENT CHOICES STUDENTS MAKE FOR LUNCH EACH DAY. 50% CHOOSE PIZZA, 25% CHOOSE A SANDWICH, 15% CHOOSE NACHOS, AND ONLY 10% CHOOSE GRILLED CHEESE. WHAT IS THE BEST GRAPH TO SHOW THIS DATA?

A) PICTOGRAPH   B) PIE GRAPH   C) LINE GRAPH   D) BAR GRAPH

3) YOU ARE ASKED TO SHOW THE CHANGES IN STUDENT LUNCH CHOICES OVER A CERTAIN PERIOD OF TIME. WHICH GRAPH WOULD BE BEST TO SHOW THIS DATA?

A) LINE GRAPH   B) PIE GRAPH   C) DOUBLE BAR GRAPH   D) PICTOGRAPH

REVISION - DATA

- Tally Marks

Raw data is often collected in a frequency table. Tally marks are a quick way to record numbers. When we're finished, we add the marks to find totals:

Car Types in Car Park	Tally	Frequency
4WD	ЖЖ ЖЖ ЖЖ ЖЖ	20
Sedan	ЖЖ ЖЖ ЖЖ II	17
Station wagon	ЖЖ ЖЖ ЖЖ ЖЖ	20
Hatchback	ЖЖ ЖЖ IIII	14

This is a time-consuming way to record data. Show Charlie how to set up a frequency table to record the same data faster. The first one has been done for you.

Charlie sold drinks at the beach for an hour each day. He wrote down the drinks he sold each day:

Monday	Coke	Lemonade	Water	Juice			
Tuesday	Juice	Juice	Coke	Coke			
Wednesday	Water	Juice	Juice	Juice	Coke	Lemonade	
Thursday	Water	Water	Water	Coke	Coke	Juice	Lemonade
Friday	Lemonade	Water	Juice	Coke	Coke	Juice	
Saturday	Coke	Coke	Coke	Juice	Juice	Water	Water
Sunday	Lemonade	Lemonade	Coke	Juice	Water	Coke	

Type of Drink	Tally	Frequency
Coke	ЖЖ ЖЖ III	13
Juice		
Water		
Lemonade		

INTERPRETING & DESCRIBING DATA

- There are many ways we can describe data:

Use Numbers

16 people voted for pizza.
There were 12 green cars and 8 blue cars.

Use Most and Least

The most common type of tree was the maple tree.
The least popular fruit was kiwi.

Comparing

Dog was more popular than cat.
There were more girls than boys.

Tell the Difference

8 more people chose chocolate than vanilla.
There were 10 fewer glasses of lemonade than apple juice.

Tell the Mode (Most Frequent)

Purple is the mode of the data.

INTERPRETING & DESCRIBING DATA

- Let's have a go at describing the data:

This double column graph shows the total number of points scored by 2 rival netball teams over 5 games:

Hornets vs Ravens

a. Which team scored the most points overall?
_____
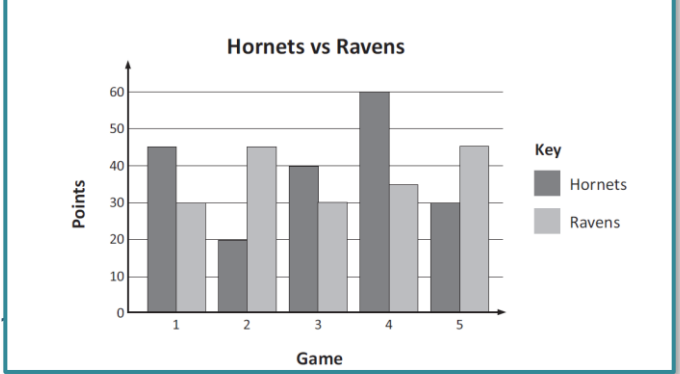
b. What was the biggest difference in a game?
_____

c. Which team won the most games?
_____

d. What was the most frequent number of points?
_____

e. (Challenge) What was the average number of points scored over the 5 games?
_____

Key
- Hornets
- Ravens

- Let's have a go at describing the data:

Saturday Night Activities

a) How many people were asked about their Saturday night? _____

b) What was the most popular option?
_____

c) What was the difference between the most & least popular options?
_____

Category	Amount	Fraction	%
Went to the movies	3	$\frac{3}{10}$	30%
Party	2	$\frac{2}{10}$	20%
Stayed home	1	$\frac{1}{10}$	10%
Sleepover	4	$\frac{4}{10}$	40%
Total	10	$\frac{10}{10}$	100%

d) How many people went bowling on Saturday night? _____

e) What is one other observation you can make from these graphs? _____
_____
_____

TIME TO PUT YOUR DETECTIVE HATS ON!

- You have to look at all the clues and determine who committed the crime!

Read this next part very carefully. A bank was robbed during the month of May. Since it was the bank with all your savings, you have a vested interest in tracking down the offender.

An informant has told you that the crime was committed on the thief's birthday. They treated themselves to a shopping spree with your money! Apparently they crept in during a busy weekday and quietly cracked a safe.

The next three pages contain data about criminals in your area. Use the information to identify the thief and get your money back. You'll need to flick between graphs and clues to crack the case.

CLUE 1

MAY

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					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						

CLUE 2

Birthdays of Local Criminals

	EG										
	FF		SK	HC					MH		
	NK		EW	PJ		BJ	LM		CW		
DC	MC	BT	FC	BB		EK	DK	LL	RB		SM
J	F	M	A	M	J	J	A	S	O	N	D

CLUE 3

Birthdates by Gender

Males	Females
04.01.75	11.02.85
23.02.86	14.02.78
17.02.66	03.03.80
02.04.73	13.05.84
04.04.75	07.07.77
24.04.67	17.10.78
10.05.81	31.10.87
23.05.82	
18.07.81	
09.08.67	
18.08.63	
26.09.66	
13.10.72	
24.12.65	

CLUE 4

Gender Breakdown of Local Criminals

Female

Male
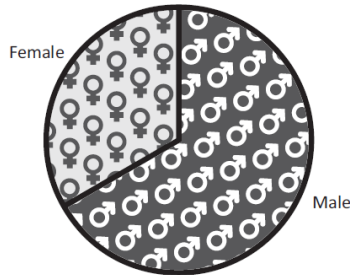
CLUE 5

Known Crims

Sam McNab	Earl Wyatt
Master Criminal	Frannie Fingers
Bobette Trimbole	Emma Getaway
Ned Kelly	Shifty Keys
Dan Kelly	Betty Balaclava
Ellen Kelly	Ron Biggs
Pretty-boy Jones	Buster Jones
Harry Cracker	Luke Moran
Mata Hari	Dan Cuffme
Light-fingered Larry	Carla Williams
Fred Capone	

CLUE 7

Hair Colour

SM	DC	BB	EK	EW	FF	MH	DK	FC	CW	BJ	PJ	HC
BT		LL			RB	MC	NK	LM	SK	EG		
black		blonde			brown						red

CLUE 6

Distinguishing Features

Tattoos — Glasses — Facial Hair — *More*

SM, EG, BT, EK, LL, DC, FF, EW, DK, FC, BB, MC, SK, MH, NK, BJ, RB, PJ, HC, CW, LM
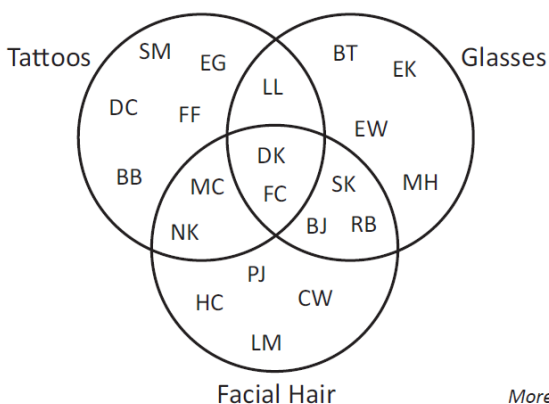
CLUE 8

Height of Known Criminals
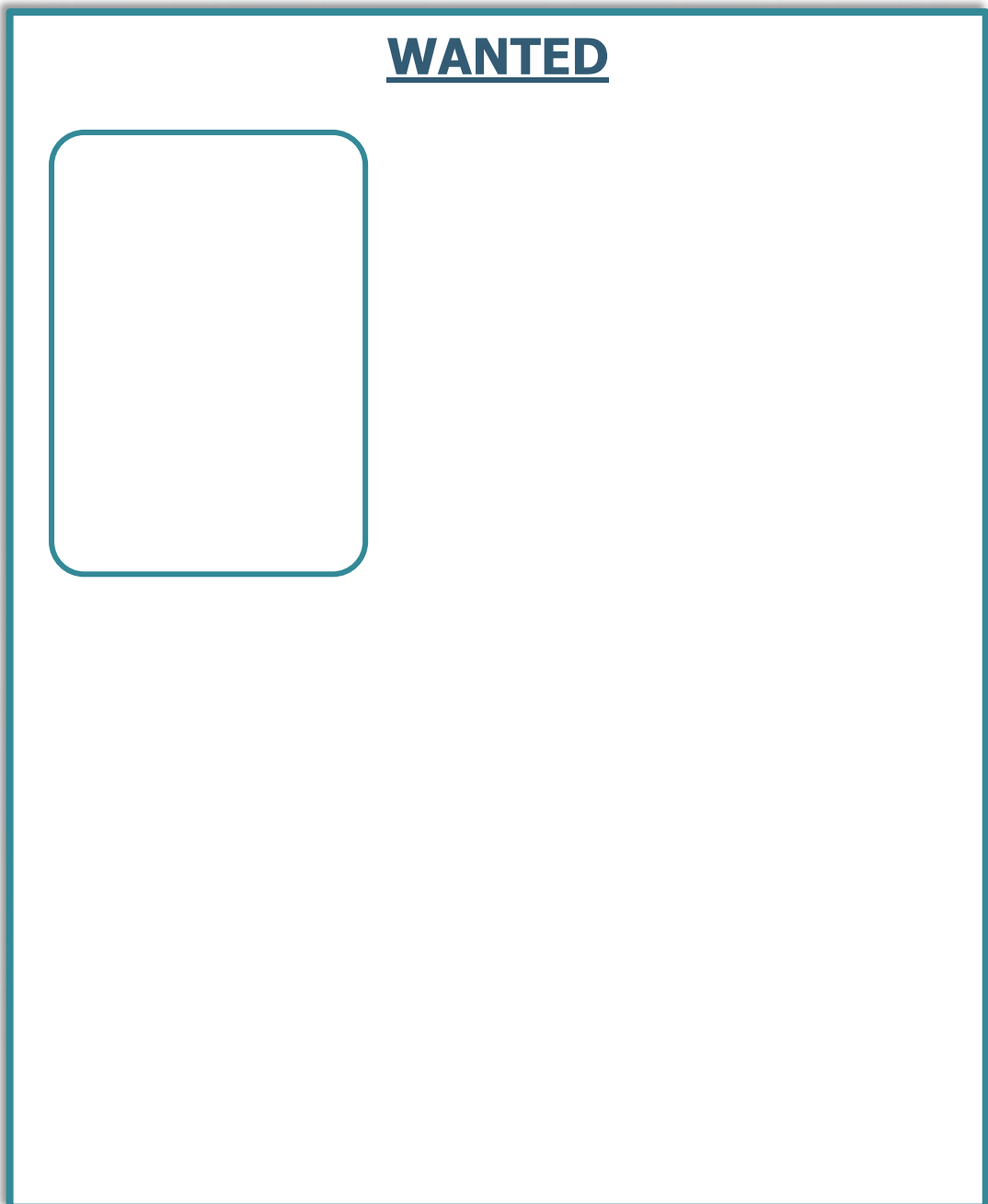
		CW	PJ		
	BJ	EG	NK	LM
FF	FC	RB	MC	HC
EK	MH	DC	EW	DK
SM	BB	BT	SK	LL
150 - 159 cm	160 - 169 cm	170 - 179 cm	180 - 189 cm	190 - 199 cm

Height

TIME TO PUT YOUR DETECTIVE HATS ON!

• Whodunnit? Give a name and a detailed description to the police superintendent:

_____

_____

_____

_____

_____

• Create a WANTED poster for the guilty party.

WANTED

REFLECTION

❑ I can confidently make interpretations of data presented to me.

❑ I can describe various data shown in graphs.

❑ What is one new thing you learnt today in Mathematics?

_____

_____

_____

IT'S PRODIGY TIME

REMEMBER TO LOG INTO YOUR CLASS PRODIGY
ACCOUNT AND
ENJOY UP TO 15MINS OF PRODIGY TIME!

Wednesday - PD/H

Week 8 - Mindfulness

Did you know that you can think better and more clearly if you are calm? It is true! We are going to learn how feelings change the way we learn and how calming our brains can help us improve on new things.

Watch the Mind Yeti video 'Your amazing brain' :
https://www.youtube.com/watch?v=sMtMgGZHqC4&list=PLiaUKiwbiHMQDQL CXoPaMMYotIdKIUQCw&index=7

Think back to a time when you tried something new and it didn't go well. What happened? How did you feel? Did you try again or give up? So how could breathing and calming your brain help you?

Activity:
1. Draw a picture of a time you were trying something new that didn't go as well as you expected.
2. Label your feelings around the drawing. Were you angry, sad, frustrated, determined?
3. Explain more about your drawing. Explain what you were doing, how you felt, and how breathing and concentration could have helped you.

Remember, if something you are learning feels difficult at first, try to calm your brain and keep practicing. You are teaching yourself and your brain to strengthen yourself and learn new things.
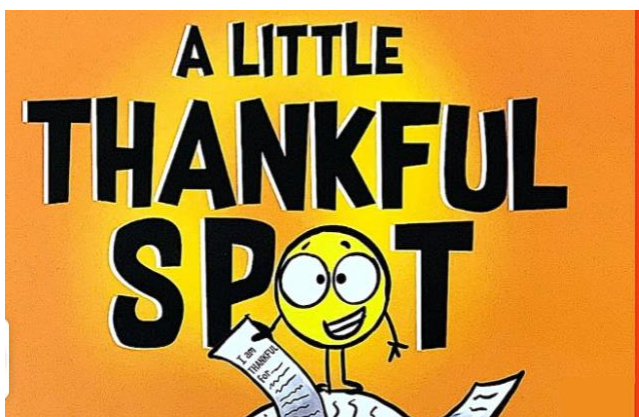
Thursday

Activities

be
INSPIRED

Thankful Thursday

Today you will listening to a story about being thankful. When we are thankful we think of things that we are happy for or feel lucky to have.

You will complete an activity to identifiy things you are thankful for.

A LITTLE THANKFUL SPOT

https://www.youtube.com/embed/GXUoQ5MugCY

Well Being Activity 4

Write down all the things you are thankful for inside the box.

Why do these things make you feel this way?

_____

_____

Father's Day Activity 4

My Father

F _____

A _____

T _____

H _____

E _____

R _____

Father's Day Activity 4

Happy Father's Day!

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

Words to find:

dad	loving	superhero	best
father	together	us	friend
caring	kind	special	role model

STATISTICS & PROBABILITY
~DATA~

THURSDAY WEEK 8
DATA IN MEDIA & OTHER ONLINE SOURCES

LEARNING INTENTIONS

Learning Intention	Success Criteria
• I can interpret data represented in the media and real life.	• I can read, understand and respond to data & graphs presented in the media and use this data to develop my own understanding of the topic.

WARM UP ACTIVITY

COMPLETE THESE TWO QUESTIONS RELATING TO THIS PICTURE GRAPH.

This graph shows the number of tickets bought at the local cinema.

Movie Classification	Tickets Bought
Comedy	MOVIE MOVIE MOVIE MOVIE MOVIE MOVIE
Children	MOVIE MOVIE MOVIE MOVIE MOVIE MOVIE
Horror	MOVIE MOVIE MOVIE MOVIE
Action/Drama	MOVIE MOVIE MOVIE MOVIE

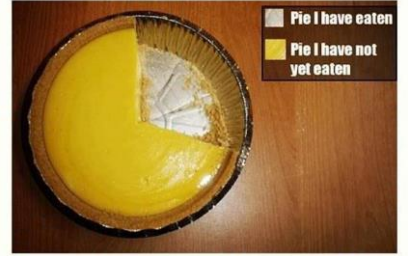Key: MOVIE = 100 tickets

a How many tickets were bought for Comedy and Children movies?

b What was the total amount of tickets bought?

DATA REPRESENTATION IN THE MEDIA

- Graphs can be seen everywhere. Companies, governments, the media and all kinds of organisations use graphs to communicate to the world. You can see graphs on TV, on the internet and in advertisements.

World's Most Accurate Pie Chart

- Pie I have eaten
- Pie I have not yet eaten

- Often graphs are included within a larger set of information usually in written form or in a speech, presentation or news broadcast. It is important to be able to understand this information and then be able to create your own idea of how the graph adds to the information being presented.
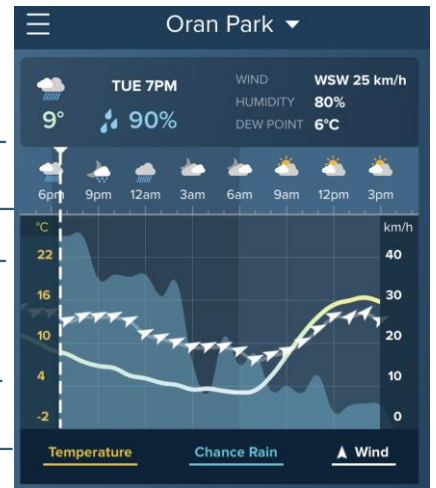
- Let's look at some common graphs you might find:

a) What is the purpose of this graph? _____
_____

b) Where might you find a graph like this? _____
_____

c) What do the 'white' & 'yellow' numbers going down the page represent? _____

d) What information do the 3 types of lines give us? ____
_____
_____

Oran Park

TUE 7PM 9° 90%
WIND WSW 25 km/h
HUMIDITY 80%
DEW POINT 6°C

6pm 9pm 12am 3am 6am 9am 12pm 3pm

Temperature | Chance Rain | Wind

- Let's look at some common graphs you might find:

a) What is the purpose of this graph? _____

b) Where might you find a graph like this? _____
_____

c) What does 'PTS' mean on this graph? _____
_____

d) What is one piece of objective information you can see in this table? _____
_____

TELSTRA PREMIERSHIP

Pos	Club	PTS	P	W	D	L	P+/-
1.	STORM	42	22	20	0	2	499
2.		40	22	19	0	3	342
3.		38	22	18	0	4	276
4.		32	22	15	0	7	159
5.		30	22	14	0	8	206
6.		30	22	14	0	8	131
7.	KNIGHTS	24	22	11	0	11	-131
8. ▲		20	22	9	0	13	-32

DATA REPRESENTATION IN THE MEDIA

- Let's look at some common graphs you might find:

a) What is the purpose of this graph? _____
_____

b) Where have you seen graph like this recently? _____
_____

c) What does 'NOC' stand for on this graph? _____
_____

d) What is one comparison you can make from this
table? _____
_____

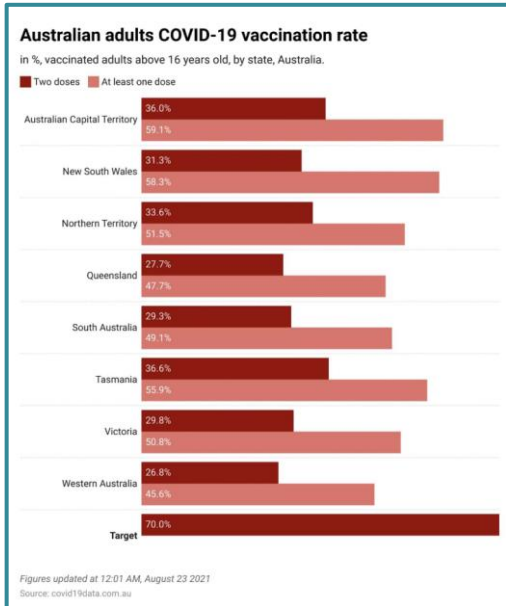| Medals Tokyo 2020					
Medal Standings	Medalist				Multi-Medalist
No Filters Active					Change
					Sort
Rank	NOC	🥇1	🥈2	🥉3	Total
1	🇺🇸 USA	39	41	33	113
2	🇨🇳 CHN	38	32	18	88
3	🇯🇵 JPN	27	14	17	58
4	🇬🇧 GBR	22	21	22	65
5	ROC	20	28	23	71
6	🇦🇺 AUS	17	7	22	46
7	🇳🇱 NED	10	12	14	36
8	🇫🇷 FRA	10	12	11	33

- Let's look at some common graphs you might find:

a) What is the purpose of this graph? _____

b) What information in the graph presenting? _____
_____

c) Why are there two colours on the graph? _____
_____

d) What is the source of this graph & when was it
produced? _____
_____

Australian adults COVID-19 vaccination rate
in %, vaccinated adults above 16 years old, by state, Australia.

■ Two doses ■ At least one dose

State	Two doses	At least one dose
Australian Capital Territory	36.0%	59.1%
New South Wales	31.3%	58.3%
Northern Territory	33.6%	51.5%
Queensland	27.7%	47.7%
South Australia	29.3%	49.1%
Tasmania	36.6%	55.9%
Victoria	29.8%	50.8%
Western Australia	26.8%	45.6%
Target	70.0%	

Figures updated at 12:01 AM, August 23 2021
Source: covid19data.com.au
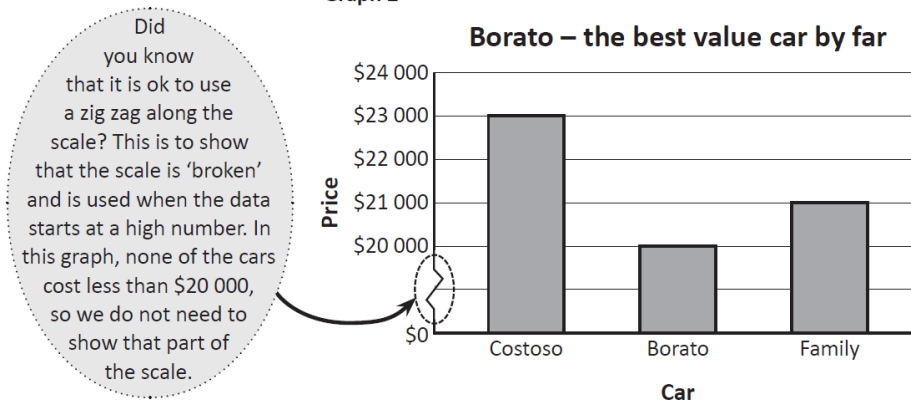
MISLEADING DATA REPRESENTATIONS

- Graphs can often be misleading. The way a graph looks does not always match the data it is representing. In the next few slides, we are going to look at some examples of misleading column and line graphs and show you how to not fall for any tricks!

Graph 1

Asthma on the Rise

2004	2005	2006	2007
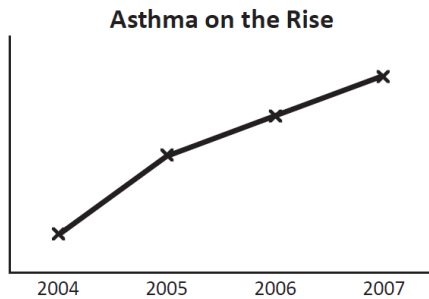
- This line graph shows that the number of people who get asthma every year has risen sharply. Because it has no scale, we can't really tell how much it has risen. You might see this in a newspaper next to a report about how bad pollution is and that pollution is causing asthma to rise.

Graph 2

Did you know that it is ok to use a zig zag along the scale? This is to show that the scale is 'broken' and is used when the data starts at a high number. In this graph, none of the cars cost less than $20 000, so we do not need to show that part of the scale.

Borato – the best value car by far

Price

$24 000
$23 000
$22 000
$21 000
$20 000
$0

| Costoso | Borato | Family |

Car

- This column graph is an advertisement for a brand of car. It is misleading because the column on the left looks more than twice as big as the Borato. When you look closely, you can see that the price difference is not half, it is much closer in price. This is due to the broken scale.

MISLEADING DATA REPRESENTATIONS

- **Scale makes a big difference** to how data is perceived. A graph should always have a scale, but did you know that it doesn't always have to start at zero and that a broken scale can be used? This is how advertisers, reporters and politicians often get away with exaggerating the truth. They want you to see things as cheaper, worse or better than they really are, depending on the situation.

> HINT: She started in November so she would want to show an improvement in sales figures.

Zoom car dealers sell second hand cars. The sales manager is preparing a graph to show her boss the sales figures for the last 3 months of the year. She wants to make the sales figures look good so she can get her bonus.

Month	October	November	December
Number of cars sold	65	71	79

- The sales manager started work at Zoom car dealers in November. Which graph do you think she will show her boss? Why? _____
_____
_____

These column graphs show the same information but each graph looks different. Can you see why? Look at the scales carefully.

Graph 1 — Zoom Sales Figures
Graph 2 — Zoom Sales Figures
Graph 3 — Zoom Sales Figures
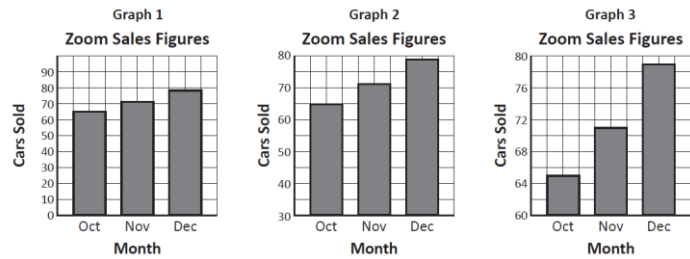
- Misleading graphs are sometimes deliberately misleading and sometimes it's just a case of people not understanding the data behind the graph they create. The "classic" types of misleading graphs include cases where:
  - ➢ The Vertical scale is too big or too small, or skips numbers, or doesn't start at zero.
  - ➢ The graph isn't labelled properly.
  - ➢ Data is left out.

- This TEDed talk explains more how graphs can be misleading in a more comprehensive way.

TEDEd
Lessons Worth Sharing

- https://www.youtube.com/watch?v=E91bGT9BjYk

REFLECTION

- ❑ I can read, understand and respond to data & graphs presented in the media and use this data to develop my own understanding of the topic.
- ❑ I know that data can be presented in many different ways and sometimes graphs can be misleading.
- ❑ What is one new thing you learnt today in Mathematics?
_____
_____

It's Prodigy Time Remember to log into your class Prodigy account and enjoy up to 15mins of Prodigy Time!
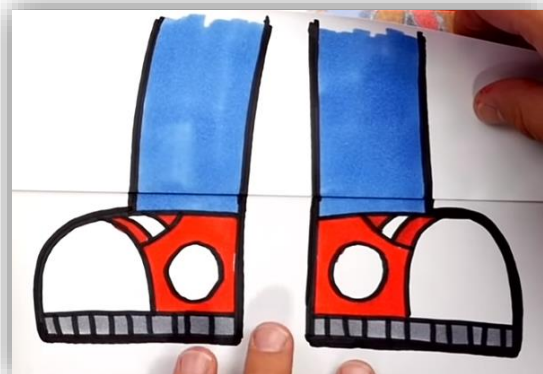
Scan the QR code or type in the URL for a video tutorial on how to make your own transforming picture!

https://qrgo.page.link/If38P
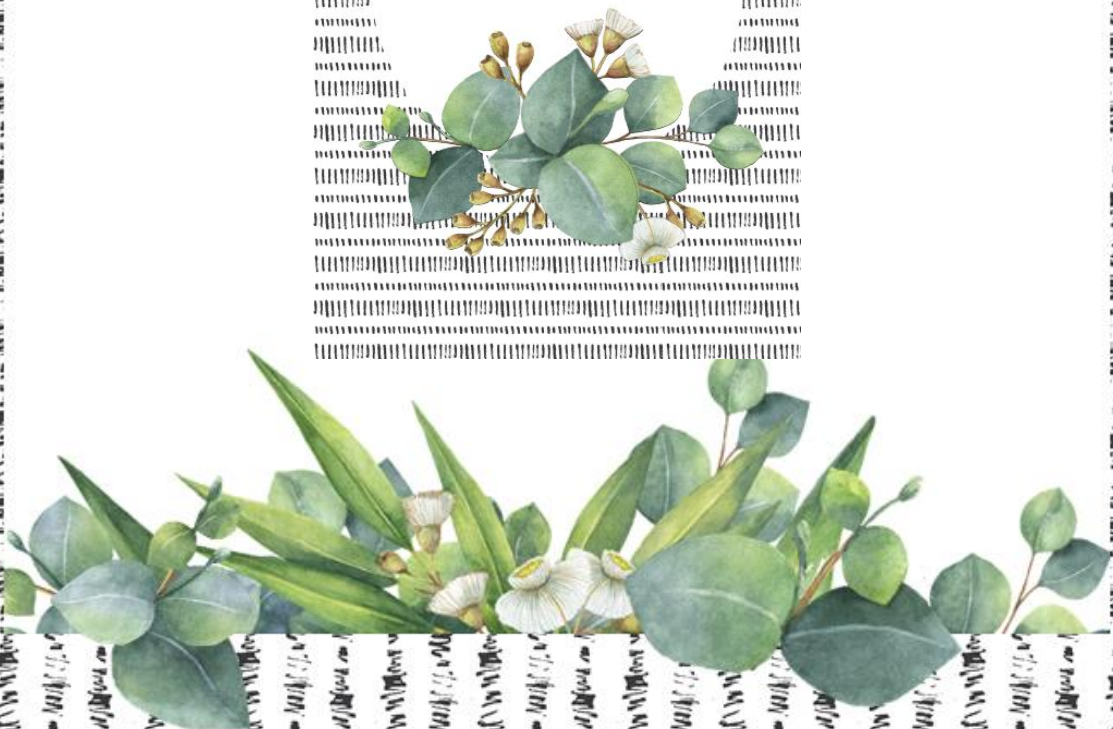

Happy FATHER'S DAY

Create your own Father's Day artwork for your Dad or someone special in your life!

Friday Activities

be
THANKFUL

Tech Free Friday

All the activities today will be SCREEN FREE!
Spend time away from devices and pick activities that interest you.

Outline of today's activities
ALL ACTIVITIES ARE TECH FREE
Father's Day Activity 5 Complete the offline activity – Make a card for dad. In the card remind him of one of your favourite memories with your dad.
Maths Complete the offline Maths activity
Wellbeing Activity 5: Complete any of the screen free activities on the following pages.
Complete one of the Random Act of Kindness tasks

Well Being Activity 5

English	PDHPE	TECH	PDHPE	Mathematics
Write a letter/s to someone who doesn't live with you and send it to them!	Play outside! Go for a walk or play your favourite game.	**TECH FREE FRIDAY**	Design a healthy café. Design a menu and a poster to get people to come eat there!	Cook a recipe with your family. Look out for all the measurements that will ensure it tastes right!
English	History	FREE CHOICE	Science	Mathematics
Read for one minute per year you are old! 5 years = 5 minutes	Look back at family photos and share family stories. How much do you know about your family?	from the ideas page!	Do some gardening! What can you do in your garden to help your plants grow bigger and stronger.	Create your own maths problems to test your family. They can make some to test you too!
Dance	Art	Drama	Music	STEM
Pick a song and make up your own dance. Perform it for your family.	Create an artwork using a medium of your choice. Give it a name as if you were going to put it in a gallery.	Create your own skit with your family! Give yourself characters and a scenario to act out.	Spend time listening to your favourite songs OR create your own music!	Using only materials from your house build a car and a ramp. Your challenge is to make the car roll. (No toy cars!)

Well Being Activity 5

Playful ideas

- Play charades
- Play a card game
- Watch old home videos
- Indoor scavenger hunt
- Have paper airplane races
- Play "20 questions"
- Play "Simon says"
- Play "I spy"
- Have an "egg and spoon" race
- Have a wacky photoshoot
- Play "Red light, green light"
- Play a board game
- Build a card tower
- Play dress up
- Put together a puzzle

Active ideas

- Play musical statues
- Create a family dance
- Build an obstacle course
- Dance in the living room
- Have a "sock fight"
- Play freeze dance
- Play the "hot lava" game
- Have a pillow fight
- Play "basketball" with a laundry basket
- Play "hot potato"

Other ideas

- Have a family story time
- Build a blanket fort
- Sing along to your favorite songs
- Create a family playlist
- Make a bird feeder
- Have a tea party
- Prepare a meal together
- Camp in the living room
- Watch a documentary
- Listen to an audiobook

Creative ideas

- Draw a family portrait
- Make a collaborative drawing
- Design cards for your friends
- Make sock puppets
- Build playdough sculptures
- Create a collaborative story
- Paint a self-portrait
- Make a collage
- Make creative costumes from things you have at home
- Make your own music video
- Have a "talent show" at home
- Design bookmarks
- Invent a new recipe together

YOUR TASK:

What was your favourite activity today? _____

_____

Father's Day Activity 5

MEMORY OF DAD OR A MALE FIGURE IN YOUR LIFE

Father's Day is a time to recognise the fathers and father figures in all our lives. Your task today is to write down your favourite memory of your dad or a male figure in your life. Use the plan below to write out your memory as a draft. You can then put this together to write your memory on the inside cover of your card.

MY FAVOURITE MEMORY

When:

Where:

How old were you:

What were you doing:

Why is this your best memory:

Father's Day Activity 5

GET CREATIVE!

Use any resources you have at home to create a card for Dad or your significant male role model in your life. Below are some ideas that you could use as inspiration. There is also a mindfulness colouring in card on the following page if you would like to use that. Once you have created your card, write your memory inside your card. Your card should open like a book so make sure your fold is in the correct place when you begin making your card. Your memory can be written on the inside left side of the card. The inside right side is used to write your message to your dad, eg.
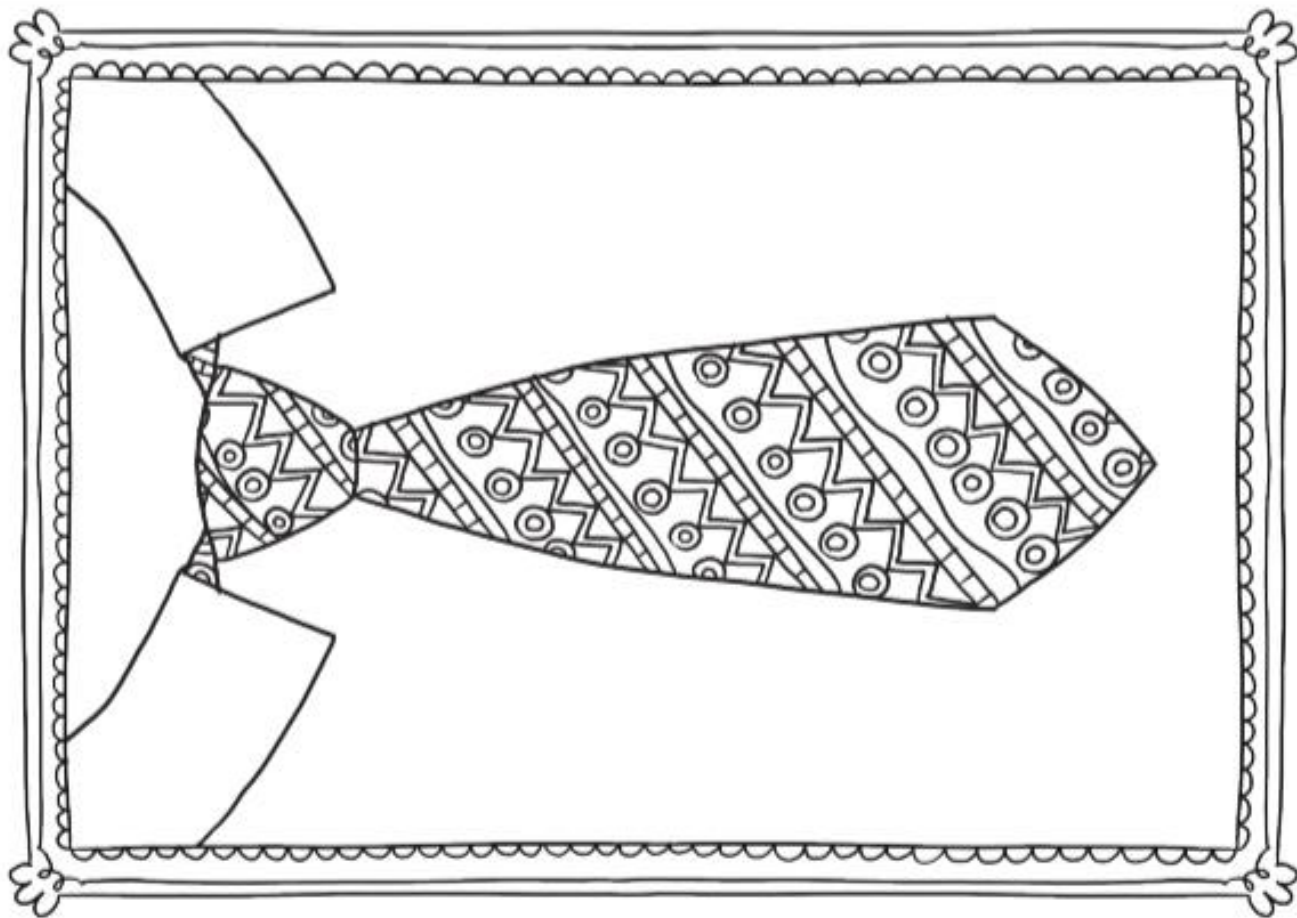
To dear Dad,

Happy Father's Day

Thank you for everything you do for me.

Love _____

STATISTICS & PROBABILITY ~DATA~

FRIDAY WEEK 8
PHYSICAL DATA REPRESENTATION

OFFLINE CREATIVE CHALLENGE

LEARNING INTENTIONS

Learning Intention
- I create my own data set and represent it in a creative & physical manner.

Success Criteria
- I can use items that I have to create a specific data set and representation.
- I can create my own survey question & display the results in a physical manner.

WARM UP ACTIVITY
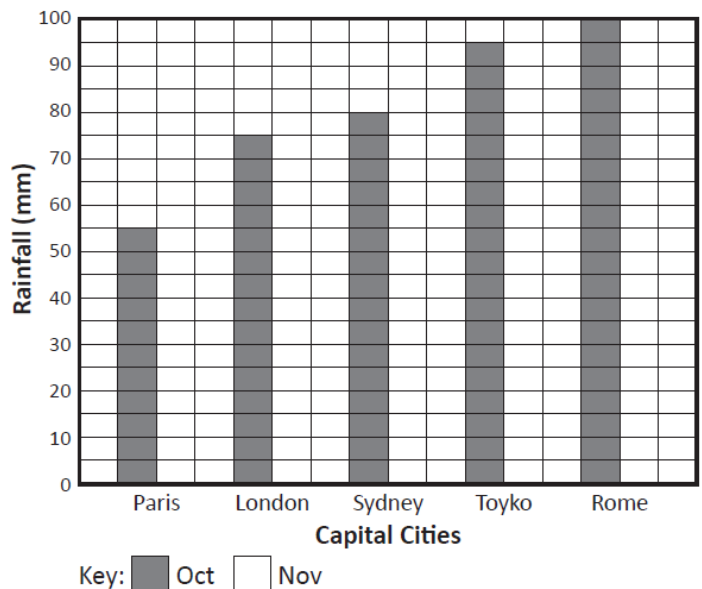
Answer the questions about this column graph:

Total Rainfall in October

a   Which city had the highest rainfall in October?

b   What was this city's rainfall?

c   Which cities had a rainfall between 70 mm and 90 mm?

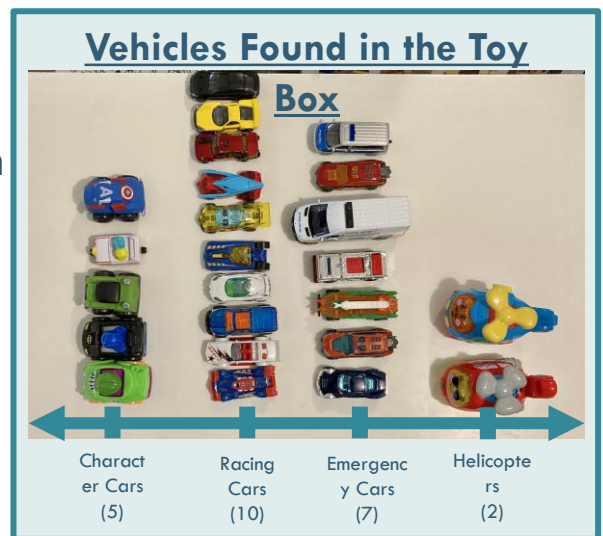d   How many more millimetres of rain did Rome have than Paris?

Rainfall (mm) — Capital Cities: Paris, London, Sydney, Toyko, Rome

Key: ▨ Oct ☐ Nov

DATA REPRESENTATION CREATIVE CHALLENGE

- Today you challenged to create your own data set and represent & graph your results in a creative and physical way.
    - You need to choose items that you have in your home or classroom that you can create a set of data from. This might be toys, things in your pencil case, socks, fruit, lollies, things in your pantry, etc.
    - You then need to create the 'question' about what will your data show?
    - Thirdly, you need to organize your data in a physical graph and take a photo.
    - Finally, you need to describe the data in your graph.

- Here is an example that I quickly created with toy vehicles from my kids' toy box.

- I have organised my data to select only small vehicles and then I have grouped them into 4 categories.

- You will notice that I used a 'dot plot' graph to represent my data, <u>but you can use any type of way to represent your data</u>.

- "I can observe that there are 5 times more racing cars than helicopters in my data set."

- Now it's your turn… Be Creative!

Vehicles Found in the Toy Box

| Character Cars (5) | Racing Cars (10) | Emergency Cars (7) | Helicopters (2) |

REFLECTION

- ☐ I use items that I have to create a specific data set and representation.
- ☐ I can create my own survey question & display the results in a physical manner.
- ☐ What is one new thing you learnt today in Mathematics?

_____

_____

Random Act Of Kindness

Ask if you can vacuum the house.

Ask someone at home how you can help them.

Give someone a genuine compliment.

Ask someone in your family about their day. Then really LISTEN to their response.

Ask if you can take some gloves, tongs and a plastic bag on a walk to pick up rubbish in your suburb.

Tell a family member how much you love them and why.

Set the table and clean your room without being asked.

Write a 'Thank you' letter for a member of your family and and leave it somewhere for them to find.

Non-screen activities to support writing

Pobble

These 25 fun reading and writing ideas will help you with your literacy wherever you are learning!

25 ideas!

1 How many words can you write down that start with the same letter as your name? Make a list of as many as you can.

My name is

2 Alphabet bodies! Stretch your body into different letters of the alphabet. Can you work with members of your family or even some of your toys to make a word?

3 Use this sentence opener to start writing a short story:

"I'd waited such a long time for this moment..."

4 Write a letter to your teacher or somebody who helps you at school. How can you make them smile?

5 Letter hunt. Ask a family member to shout out a letter then run and find something beginning with that letter as quick as you can!

6 Alternative ending. Choose your favourite book. Can you rewrite the ending so that something different happens?

7 If you found a magic door, where would it take you? Write down where you are and what you see when you go through the door.

8 How many words can you think of that have only three letters? Write a list of as many as you can.

9 Think about a current story in the news and become a reporter. Can you write a newspaper article explaining what happened, when, where and how?

10 Synonym search! How many words can you write down that have a similar meaning to the word 'said'?

said

11 Use your senses to write about your favourite place. What can you see, hear, smell, taste and feel?

12 Think of a fun word. Can you find other words that rhyme with it? Make up a short poem using those words.

13 What is the longest word you can think of? Write it down. How many smaller words can you make from your long word?

14 What's your favourite colour? Think of ten words that spring to mind when you think of it. Can you turn them into a colour poem?
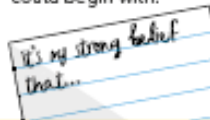
15 Think of a well known story and act it out. Can others guess which book it is?

16 Redesign and draw the front cover of your favourite book.

17 Write a speech about why people should read more often. You could begin with:

It's my strong belief that...

18 Make a fact file about your favorite sports, music or tv star.

19 Retell your favourite story in comic book style.

20 What do you love about your school? Design a poster to show everyone how good it is!

My School

21 Who am I? Think of your favourite book character and write a short description of them. Read it out to someone to see if they can guess who it is.

22 Write a review about your favourite book. Encourage as many people as possible to read it.

23 Make a model of your favourite book character. Use anything you can find around the house.

24 Interview someone about their favourite book. What questions will you ask them?

25 Pick six random words and make them into a story. For example: cheese, pencil, acrobat, kangaroo, branch and ice. What is the silliest story you can write?

Pobble.com - Think writing, think Pobble!