

Good morning Kestrel Class,

I hope you are all safe and well!

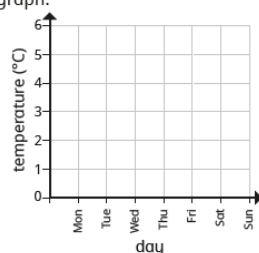
Please find remote learning activities for maths, English and topic. In maths we have been focusing on data and how this can be presented in a variety of ways. We have looked at bar charts and have moved onto line graphs. Please find and watch the video for the lesson about line graphs <https://vimeo.com/775473296> before completing the set worksheet.

Key learning

- Scott records the temperature every day for a week.

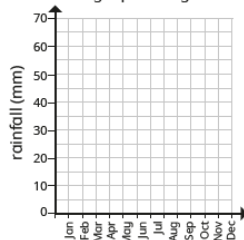
Use his results to draw the line graph.

Day	Temperature (°C)
Monday	2
Tuesday	3
Wednesday	3
Thursday	5
Friday	4
Saturday	2
Sunday	1



- The table shows the average rainfall in Leicester over a year.

Draw the graph using the information from the table.



Month	Rainfall (mm)	Month	Rainfall (mm)
Jan	55	Jul	69
Feb	45	Aug	64
Mar	49	Sep	58
Apr	57	Oct	63
May	60	Nov	61
Jun	66	Dec	60

- The table shows the average temperature for each month in Halifax.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature (°C)	4	4	5	8	10	15	17	16	13	11	6	5

Draw this information as a line graph.

- Dora measures her shadow in the playground every hour and records her results.

Time	9 am	10 am	11 am	noon	1 pm	2 pm	3 pm
Length of shadow (cm)	125	113	82	53	69	108	132

Draw the line graph for the data.
Start the vertical axis at 50

- Here is a table showing the conversion between pounds and Indian rupees.

Pounds	1	2	3	4	5	6	7	8	9	10
Rupees	80	160	240	320	400	480	560	640	720	800

Present the information as a line graph.

What do you notice about the graph?

Collect your own data and present it as a line graph.

You could collect data linked to a Science investigation.

Possible investigations could be:

- measuring shadows over time
- melting and dissolving substances
- plant growth



multiple possible answers

Here is a table of data.

Time (minutes)	15	30	45	60	75
Distance (km)	25	46	67	72	98

What intervals would be most appropriate for the vertical axis of the line graph?

Explain your answer.



multiple possible answers, e.g.

starting from zero, go up in 10s or 20s
starting from 20, go up in 10s



The chart shows the change in population of a village over 7 years.

Year	2016	2017	2018	2019	2020	2021	2022
Population	562	105	243	498	1,287	2,950	2,689

Mo, Eva and Rosie are turning the information into a line graph.

Mo: The intervals on the vertical axis should go up in 2s.

Eva: The intervals on the vertical axis should go up in 200s.

Rosie: The intervals on the vertical axis should go up in 1,000s.

Who do you agree with? Why?

Draw the line graph.

Eva

Extension/ alternative to drawing graphs:

Kestrel remote maths activity

In maths we have been looking at reading data. So far, we have looked at reading bar charts and line graphs. Please complete the problem below.

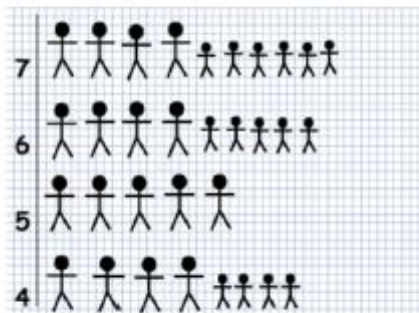
Four pupils from Class 4, Ben, Ali, Katie and Charlene, decided to make graphs of the sizes of the seven classes in the school.

Ben and Ali found out how many children there were in Classes 1, 2 and 3.
Katie and Charlene found about Classes 5, 6 and 7.
Of course they all knew the number of children in Class 4.

Ben and Ali drew a bar chart. It looked like this:



Katie and Charlene drew this pictogram:



Kate and Charlene have forgotten to add a key to their pictogram. What should the key say?

In English, we have been reading the book 'Wolf Brother' by Michelle Paver and have been focusing on the relationships between the characters in the book (Wolf and Torak).

Here are some links to the audio version of the first three chapters:

https://www.youtube.com/watch?v=38LKySnG_Qg

<https://www.youtube.com/watch?v=U3PdyOINXZE>

<https://www.youtube.com/watch?v=S04qEu7UvQU>

https://www.youtube.com/watch?v=7wEIT_CycTs

Please listen to the audio book chapters (as a reminder) and summarise the text using the activity sheet as a prompt:

Can I summarise the story so far?

We have been reading the story 'Wolf Brother' By Michelle Paver. When summarising the text so far, think about:

- What has happened in the story so far? Summarise the events writing in full sentences.*
- How has the author made links between the chapters?*
- How is the relationship between Torak and Wolf developing?*
- What do you think will happen in the rest of the story?*

In the story so far..

The significant events are..

Characters have...

Links are made between...

Summarising the story so far..

Concluding this...

In topic we have started looking at oceans of the world. Please complete a mini-project on one of the five oceans, focusing on where it is located (which countries have a coastline with the ocean you have chosen?) and what wildlife can be found there. It would also be fantastic to see any tips and hints on how we can take more care to look after our oceans.



Here are some links to help:

<https://www.bbc.co.uk/teach/class-clips-video/science-ks2-blue-planet-live/zd9y7nb>

<https://www.kids-world-travel-guide.com/ocean-facts-for-kids.html>