

8<sup>th</sup> January 2021

Hello Year 5!

Today's tasks are as follows:

*Remember you can do these in any order*

### **Maths**

Introducing Line Graphs

For today's maths lesson use the link to the White Rose Home Learning site. I'd like you to watch the video entitled Introducing Line Graphs

- there's a get ready challenge that you can complete on scrap paper - just pause the video before the answers appear.

<https://vimeo.com/464199475>

Once you've watched the video, I have uploaded the worksheet in the Class Notebook for you to work through. You can choose to complete the worksheet online or you can record your answers on paper - whatever works best for you!

## **English Writing**

### **To develop knowledge of relative clauses**

In this lesson, we will learn about complex sentences and relative clauses.

<https://classroom.thenational.academy/lessons/to-develop-knowledge-of-relative-clauses-6mu6ae>

## **English Grammar**

### **To revise the past, present and future progressive tense**

In this lesson, we will review the past, present and future progressive tense.

<https://classroom.thenational.academy/lessons/to-revise-the-past-present-and-future-progressive-tense-6rukjd>

## Foundation Subjects

### Geography Project

Geography - Europe

<https://www.bbc.co.uk/iplayer/episode/m000bqjg/seven-worlds-one-planet-series-1-5-europe>

Today I've given you the link for the Seven Worlds, One Planet video set in the continent Europe - have a watch and then create a fact file about one of the animals that is included in the video.

Use the above link to find out about The Alps - a mountain range in Europe. There is a quiz where you can test your knowledge. Use the information that you've found to add to your Europe project information.

### \*Europe Project

Can you name any countries, cities, seas, rivers and mountain ranges within Europe? Create a fact file. Information to support this task can be found [here](#).

## PE

Today I'd like you to use the Youtube PE with Joe videos to get your heart rate up and your blood pumping.

The link below should take you to the video.

<https://www.youtube.com/watch?v=-8o8wMgAT-Y>

Good luck with today's challenges, remember you can contact me on Teams or on my email [a.howe200@greenlandcps.co.uk](mailto:a.howe200@greenlandcps.co.uk)

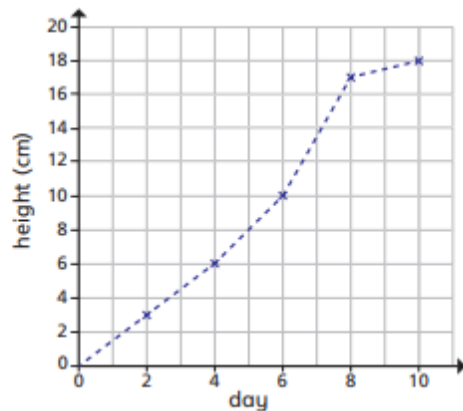
Stay safe!

Mr Howe

## Introducing line graphs

Maths

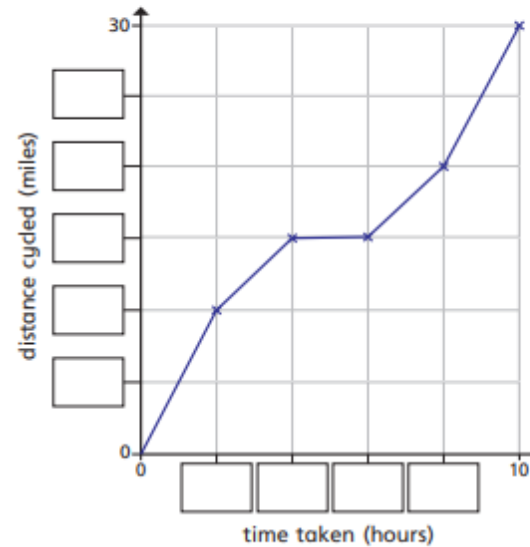
- 1 The line graph shows the growth of some cress over 10 days.



- a) How tall was the cress on Day 2?  cm
- b) On what day did the cress reach 10 cm? day
- c) Estimate the height of the cress on Day 5  cm
- d) Estimate when the cress will reach a height of 14 cm.  
day
- e) Between which two consecutive days did the cress grow the most?  
day  and day

- 2 The line graph shows the distance a cyclist travels on a bike ride.

- a) Fill in the missing labels.



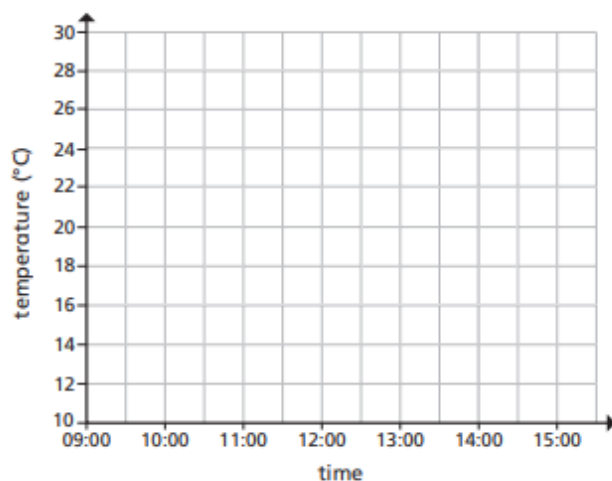
- b) How long did it take the cyclist to travel 10 miles?  hours
- c) How far had the cyclist travelled after 4 hours?  miles
- d) How far did the cyclist travel in total?  miles
- e) How far did the cyclist travel between 4 and 6 hours?  miles

What might have happened during this time?

- 3 The table shows the temperature outside on Monday.

Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	14	16	20	26	24	20	18

- a) Use the information in the table to complete the line graph.



Key Monday \_\_\_\_\_ Tuesday \_\_\_\_\_

- b) On Tuesday, the following temperatures were recorded.

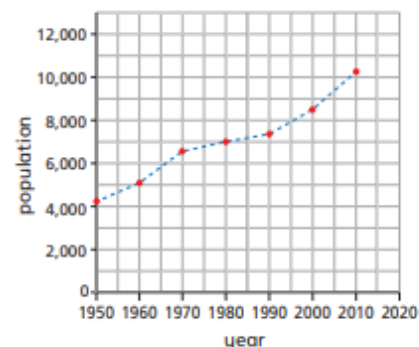
Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	13	16	21	22	22	19	17

Add the new information to your line graph using a different colour and complete the key.

- c) At what time was it hotter on Tuesday than on Monday?



- 4 The graph shows the population of a town from 1950 to 2010



- a) Circle the correct word to complete the statement.

The population of the town **increased** / **decreased** from 1950 to 2010

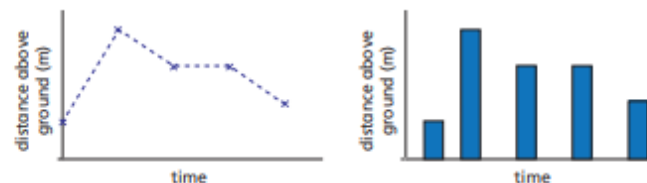
- b) Estimate the highest recorded population.

- c) In what year did the population first reach 7,000?

- d) Estimate the population in 1970

- e) Estimate the population in 2006

- 5 The line graph and bar chart both show the distance above ground of a bird.



Which representation is more appropriate?

Explain your choice to a partner.