

Summer Term Geography Y8

Week 5 and 6

You need to complete the tasks set on the grid in the next half term.

Do not send the whole Powerpoint back just the slide with the relevant questions/tasks or copy tasks to a word document.

Click on the task you want to do and it will then give you the instructions.



Creativity



Time



Work



Thinking

H = High

M = Medium

L = Low

Information
box

Task Box

Complete this weeks Documentary by answering the questions attached with this Powerpoint.

Finished Task
return to
tasks

Choose your tasks...

You need to complete two of the following to undertake in the next two weeks, decide which ones and click on the box below to go to the task.

Some of these activities can be done with family

Build or Review a Weather Station

This will be a homework that will last 6 weeks or longer as it will take a little time to build the station. You can still build and record it but if you have built one its time to review your work.



Computer and internet not required but can be used to help with instructions



M/L



H



L



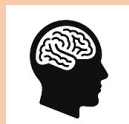
M

Create a Movie

Stocksbridge Oscars are up for grabs as you produce a film showing the formation of a landscape feature with informative annotations



Computer and internet not required but can be used to help with instructions or design



M



M



M



H

Sustainable food

Will it be better to buy food from local farms and producers or get out foods from all over the World.



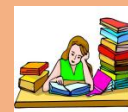
Computer and internet not required but can be used to help with watch the video or do more research



M



M



M



L

Review your own weather station

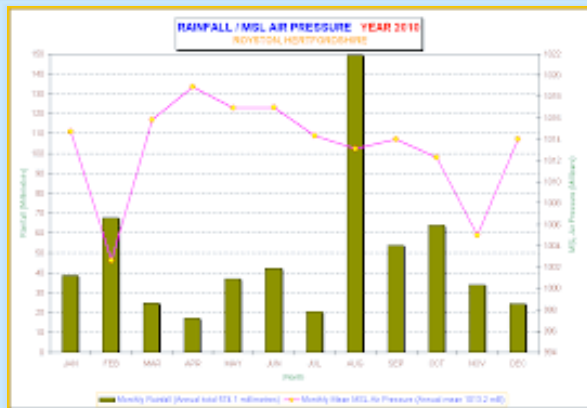
Learning intent: how weather is observed and recorded.

Know how the weather changes.

Know why the weather changes.

Success criteria: Link certain weather patterns with observations

If you have not made the weather station you still can by looking back at the previous Home learning work, If you do this you can count it as one task



Complete the graph opposite by drawing a bar for each days rainfall figure.

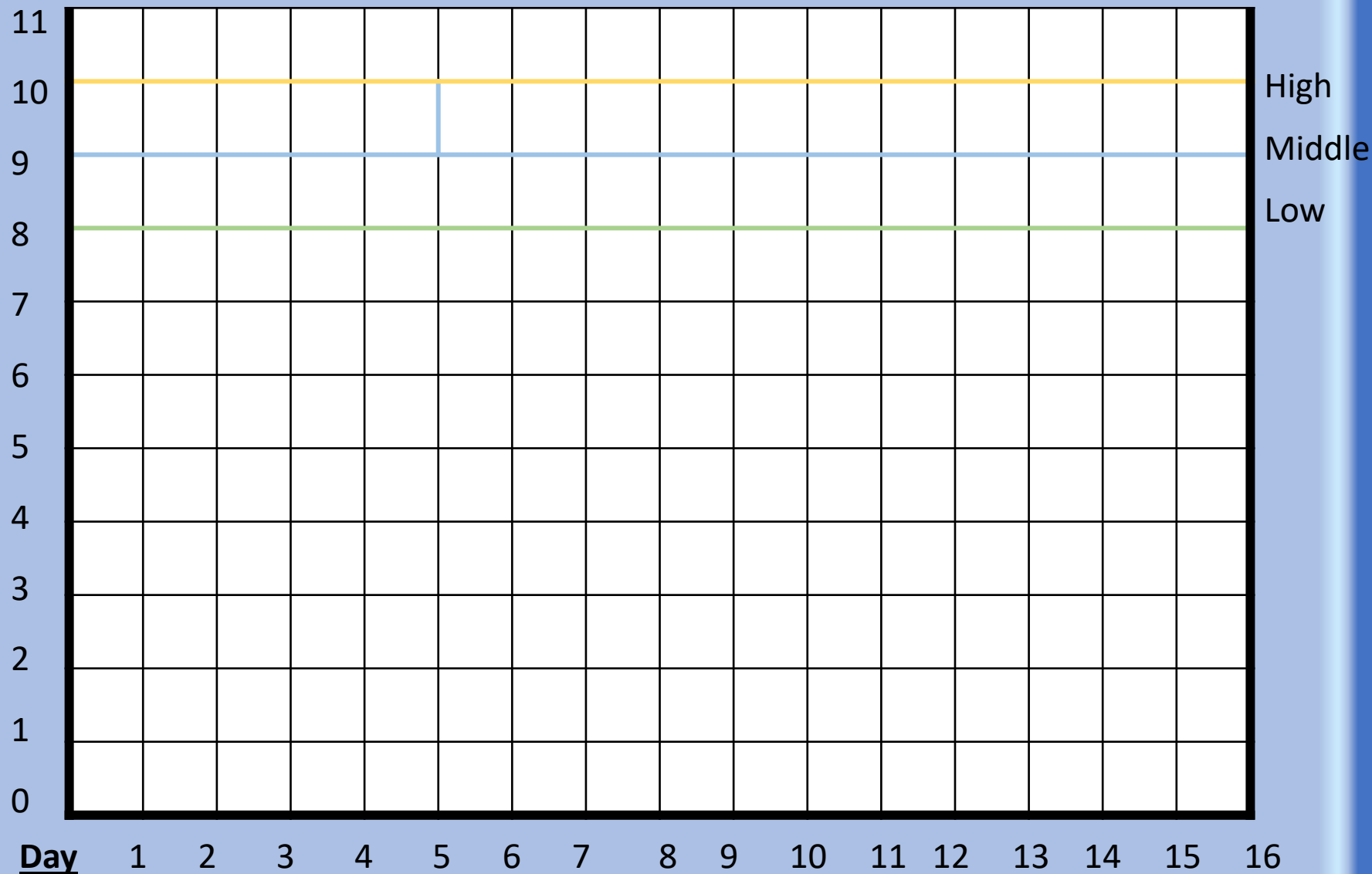
Then put a cross or dot for each days pressure in the centre of each day on either high, middle or low. When you have completed each day join the dots up to complete your line graph.

It should look similar to the one above.

**Rainfall
mm**

Rain And Pressure

Pressure

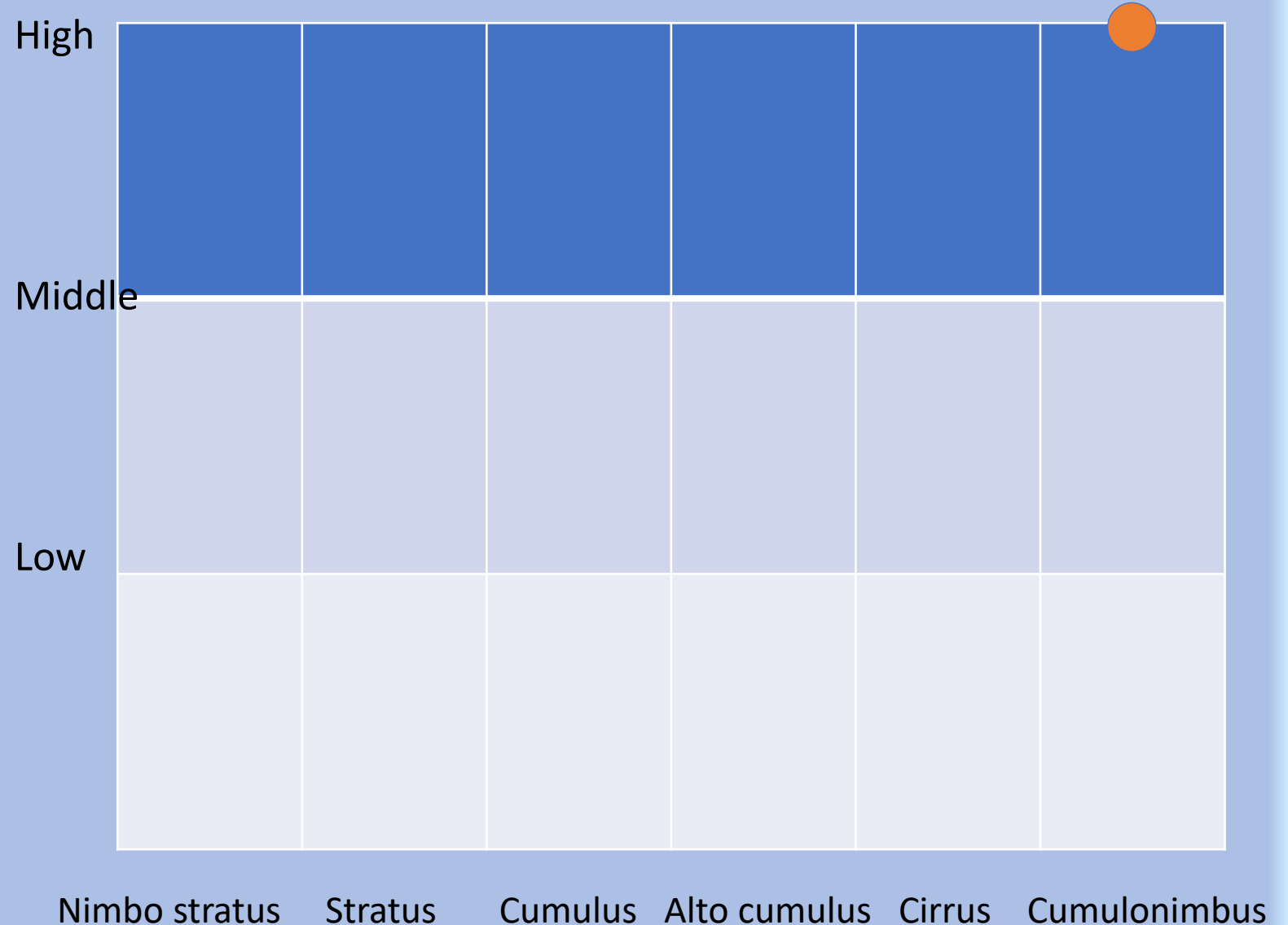


Clouds and Pressure

For each day put a dot for the type of cloud and the pressure.

We've already put a test one on for you, On our day we saw a cirrus cloud and the pressure was high.

Put the dots on and then see if you can draw a best fit line to show the average pattern made by each dot.



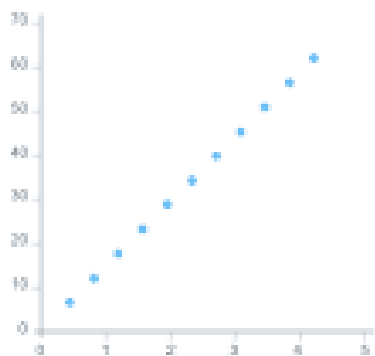
Weather station results and conclusion

Graph 3

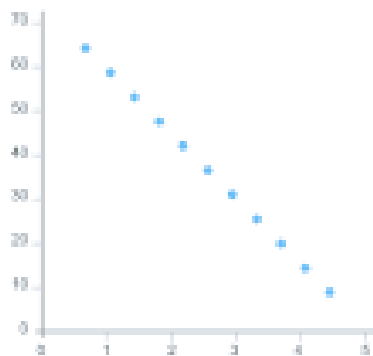
Draw another graph to show another set of weather data. Make sure you label each axis and give it a title.

Pressure and Rainfall.

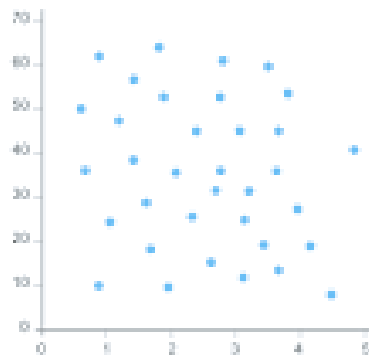
1. What did the graph tell us about the two sets of data (describe the pattern)
2. What have you learnt about Pressure and rainfall, are they connected?



Perfect Positive Correlation



Perfect Negative Correlation



No Correlation

Clouds and Pressure

1. What did the graph tell us about the two sets of data (describe the pattern)
2. What have you learnt about Pressure and Clouds, are they connected? Is it positive or negative correlation. Positive means the higher the pressure the higher the cloud, negative would be lower pressure higher clouds.

For your graph

Do the same for your graph

Conclusion

Write a short paragraph about what you enjoyed about the task, what you have learnt and what you could do to improve it.

Create a movie

Learning Intent: To revisit and enforce learning Plate tectonics

Success criteria: a movie showing how plates and volcanoes are formed

Choose your movie

You can use a computer program including PowerPoint, you can use Stop Motion, a flip book or just a film on camera/phone.

How volcanoes are formed

- Using labels/explanations show how destructive plates move.
- Show how this movement eventually creates a composite volcano.
- Show the effects of a composite volcanic eruption

How plates move

Create a short film to show how plates move and the different landforms associated with:

- Destructive Plate Margin
- Conservative Plate Margin
- Constructive Plate Margin

You must explain how and why they move.

Finished Task

**return to
tasks**

How to make food more sustainable

Learning Intent: To find out the advantages and disadvantages of the food super highway and to know the term Food Miles

Success criteria: A brief report on how sustainable our food is giving 2 examples

What to do

- We are very lucky in the UK as we can get plenty of food all year round and lots of various tasty choices.
- But does it come as a cost to the global climate and local environments?

- Watch the documentary on the next slide
- Complete a short report giving the background to the food super highway.
- Make a decision! To grow food locally or to import it from countries miles away.

Food Superhighway

Watch the video and may be again and take some **notes** to be able to answer the task with a number of **points** with **facts** that you can **explain** to support your **opinion**

- You will need the One Cloud link to watch the video
- https://stocksbridgehigh365-my.sharepoint.com/:v:/g/personal/rhenderson2_stocksbridgehigh_sheffield_sch_uk/EbGN9xFaZrtCnv1_QEtQ5bIBYVh8akejq5cRr21hMU3sDw?e=6V7N5o

The Food Superhighway

After watching the film and making a few notes try to make a brief report that answers the 5 keep points in the blue box.

Try to justify your point of view with facts from the film

Finished Task
return to
tasks

1. Write a introductory paragraph briefly outlining:
 - What is the food Superhighway?
 - What are food miles
2. What are the benefits to us of the Food Superhighway
 - How does it give us all our food all year round?
 - Why does it make it cheap?
3. How do get our food from LICs
 - Describe how Beans are grown and transported from Kenya
 - What is the main advanatge and give what you think is the biggest disadvantage-explain why.
4. How do get our food from HICs
 - Describe how peppersare grown and transported from the Netherlands
 - What is the main advanatge and give what you think is the biggest disadvantage-explain why.
5. Which is better Kenya or Netherlands, Global or local?