

Dear Class 11, it's Friday again!

Thank you to all of you who have already contacted me by email. It is so reassuring to hear from you and it sounds like you're adapting well to working again at home! To those who I haven't heard from, I'll call home early next week to see if I can support you in any way.

I also hear that it takes a long time to complete work at home; I'm also spending heaps of time on the computer! I've therefore consciously prepared a small quantity of work today and I've included a checklist for what should be in your ML book thus far.

I hope you create space for yourself this weekend to do no work and to have time away from all your devices, it feels imperative at the moment!

Warmest wishes, Louise

Here is a checklist of what should be in your Main Lesson book so far:

1. *Title Page – Babylonian world map and CARTOGRAPHY*
2. *Contents*
3. *Cartography – notes taken in class last Monday*
4. *Songlines – illustration and quote*
5. *Songlines – written paragraphs*
6. *Anaximander – summarised paragraph from audio and sketch of his map*
7. *Comparison of two Greek maps – Hecataeus and Herodotus*
8. *Ptolemy (dictation)*
9. *Latitude*

+ the research project on a migratory animal that is due next Tuesday (worth 20% of your ML grade)

1. Geography in the news quiz – from July 20th 2020. Answers will be online on Monday.

2. Answers from yesterday's co-ordinate questions:

1. 35°S, 18°E **Cape Town**
2. 19°S, 50°E **Madagascar**
3. 7 ° N, 2 ° W **Ashanti, Ghana**
4. 31 ° N, 30 ° E **Alexandria, Egypt**
5. 1°N, 3°E **Gulf of Guinea**

6. Sao Paolo, Brazil **23.5 ° S, 47 ° W**
7. Caracas, Venezuela **10.5 ° N, 67 ° W**
8. Lima, Peru **12° S, 77 ° W**
9. Montevideo, Uruguay **35 ° S, 56 ° W**
10. Santiago, Chile **33° S, 71 ° W**

3. Today's task is to **listen to the story of Longitude** by Dava Sobel, and comprehensively answer the following questions. You may need to pause the audio as you go.

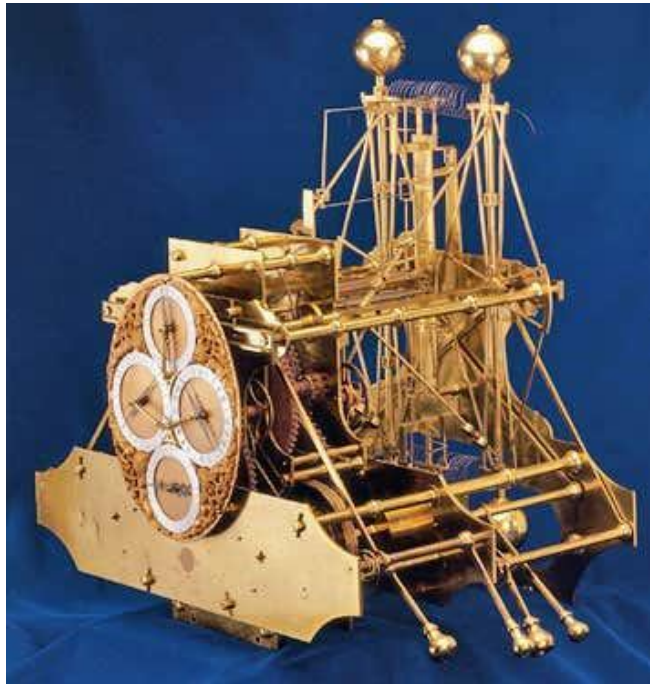
1. The lines of latitude and longitude seem to 'govern with authority'. In what ways is the world changing below these fixed lines?
2. Who first placed the equator at 0° Latitude? With what information was this location identified?
3. What is the Prime Meridian and why is its placement a political decision?
4. While latitude is governed by the movements of the sun and stars, how is longitude measured? And how can this be measured on a ship?
5. As the sun travels one hour at the Equator, how many degrees of longitude is travelled to the east or west?
6. What happens to the distance between lines of longitude as you travel away from the Equator?
7. What are the challenges of having a precise time device on a ship?
8. What discoveries were subsequently made during the quest for longitude?
9. Who was the English clockmaker who invented the device that could carry true time on a ship? What made his clock so successful?

If you wish to further support your understanding on the story of finding longitude, watch this YouTube video: **The Clock That Changed the World** (BBC History of the World)

<https://www.youtube.com/watch?v=T-g27KS0yiY>

I will factor in time on Monday for you to write up your good copy about Longitude into your ML books.

Harrison's maritime clock



Source: <https://www.newscientist.com/gallery/dn17119-lone-longitude-pioneer-had-help/> 2

4. Now, **to complete your small research project** on your chosen migratory animal; respond to all or a few of the following prompts:

1. What physical/physiological traits does your animal have to assist in its migration?
2. What are the known reasons for the animal migrating?
3. Is there any research into theorising how the animal is able to 'navigate' and locate the same destination every journey?
4. Include any additional relevant information.

I will also factor in time on Monday for completing this second half of your project.

Remember it is due next Tuesday 18th August and should be two pages (approx. 300-400 words) of information, including a map and an image or two. I look forward to receiving them!