**Latitude and Longitude WebQuest**

*You will be learning about latitude and longitude by working your way through this WebQuest.  Please use the links provided to answer all of the questions.  Make sure that you look up all of the answers.  Don’t guess!*

**Task #1**

*Click on the link to find the answers to the questions.* [Understanding latitude and longitude](https://journeynorth.org/tm/LongitudeIntro.html) or [latitude and longitude.](https://www.geovista.psu.edu/grants/MapStatsKids/MSK_portal/concepts_latlg.html)

1. What units are used to measure latitude and longitude?

2. What do geographers use latitude and longitude for?

3. Which lines run horizontal (side to side)?

4. Which lines measure North and South?

5. Which lines run vertical (up and down)?

6. Which lines measure East and West?

[Use this link to answer questions 7-10](http://encyclopedia.kids.net.au/page/eq/Equator).

7. What is the equator?

8. Does the equator run vertical or horizontal?

9. What is the latitude of the equator?

10. What is the imaginary line called that separates the northern and southern hemisphere?

[Use this link to answer questions 11-13](http://encyclopedia.kids.net.au/page/pr/Prime_Meridian).

11. What is the prime meridian?

12. Does the prime meridian run vertical or horizontal?

13. What is the longitude of the prime meridian?

**Task #2**

*Practice finding places using latitude and longitude.*[*Click this link to practice*](http://www.abcya.com/latitude_and_longitude_practice.htm)*.  Write down the coordinates you were asked to locate, and the riddle you had to solve.*

1. 6.

2. 7.

3. 8.

4. 9.

5. 10.

Riddle:

**Task #3**

[*International pizza delivery*](https://www.mrnussbaum.com/international-pizza-delivery/)*.  Watch the instructional video and try out this game. Once you have watched how to play, click beside the video where it says “CLICK TO TRY THIS.” Then drive pizzas around the world using latitude and longitude and record your two highest scores!*

|  |  |
| --- | --- |
| Highest score: | 2nd highest score: |

**Task #4**

*Use the map of the world to plot the following coordinates on the map.  Mark each coordinate with a DOT and the LETTER next to it using a pencil.  Be precise.  Once you have double checked your marks, use a COLORED pen/marker to fill in the dots and letters so that they stand out.*

         a) 50oN - 100E f) 20oN - 160oW

         b) 30oS - 25oE g) 52oN - 123oW

         c) 20oN - 80oE h) 38oN - 123oW

         d) 40oN - 140oE i) 44oN - 81oW

         e) 35oS - 150oE j) 38oS - 60oW

If you finish early, try out this online quiz:

[Latitude and longitude quiz](http://zunal.com/quiz.php?w=139519&quiz=7500)