

Map Skills Scavenger Hunt

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Fourth grade
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Essential Question: How does a map help you locate places?

Introduction: Reading a map can be a difficult task. Knowing the different types of maps and the parts of a map will help you to locate places easier. A map is a representation, usually on a flat surface, as of the features of an area of the earth or a portion of the heavens, showing them in the respective forms, sizes, relationships according to some convention of representation.

Your Challenge! Read the following questions and use the web links to find the answers.

The Questions:



1. Go to [Geography Glossary](#)
 - a. What is the definition of hemisphere?

 - b. What is the equator and where is it located?

c. What is the prime meridian and where is it located? _____



2. Go to [Types of Maps](#)

a. Give two similarities and two differences between a physical map and a political map.

Similarities:

1- _____

2- _____

Differences:

1- _____

2- _____

3. Go to [Compass Rose](#). Complete the graphic. Then answer the following questions.

a. The four big letters are the cardinal directions. What are they?

b. The four small letters are the intermediate directions. What are they?



4. Take the [Cardinal Direction quiz](#)

5. Go to [latitude and longitude](#)

a. Which direction do lines of [latitude](#) run? _____

b. Which direction do lines of [longitude](#) run? _____

c. What is the latitude and longitude of the [red dot](#)? _____

d. What is the latitude and longitude of the [orange dot](#)? _____

e. What is the latitude and longitude of the [pink dot](#)? _____

- f. What is the latitude and longitude of the [green dot](#)? _____
- g. _____
6. View the power [PowerPoint](#) on latitude and longitude. Answer the following questions.
- What do you think the average temperature in the summer would be like in Antarctica compared to the northern tip of South America? _____
 - What do you think the average temperature in the winter would be like in the central part of Africa compared with where you live? _____
7. Go to [Map Legend](#)
- How is an airport shown? _____
 - How is a US highway shown? _____
8. Read about [Map Scales](#)
- What are the three ways to express a scale?
 - 1- _____
 - 2- _____
 - 3- _____



9. Go to [Landforms](#)
- Print this form to use later.

10. Take final [map quiz](#)

Putting It All Together: *(Explain your "Putting It All Together Activity" here.)*

You will now put what you have learned about understanding a map to the test. You will create your own country according to the attached rubric. You may use the form that you printed out on landforms. Make sure to include everything indicated on the instructions listed below. Your final product will be graded using the rubric.

Map Skills Project

To complete our study of map skills each student will create his/her own continent, country, or state to demonstrate knowledge obtained from this unit. The map must be totally student created and original. It is not supposed to be a “real” place, but one they’ve created.

Requirements:

_____ The map is to be creative, with an overall theme (students have chosen) and title at the top.

_____ **Map Key** with a minimum of **10 symbols** (places around town) and **10 landforms** (You can use your S.S. book page R42 and R43 to help). All symbols and landforms should be labeled (not specific names—ex: lake not Leopard Lake) * This counts as 20 pts. (bottom right)

_____ Compass Rose (above map scale)

_____ Map Scale (bottom left)

_____ Lines of Latitude and Longitude with numbers (O must be there for both)

_____ Names of states and towns that relate to theme (A minimum of 5 states and 5 cities in each state)

_____ Questions and answers about your map on a separate sheet of paper attached to the back of the map (Use directions, symbols, landforms, or coordinates for the “reader” to follow.

Grading

***Students will be graded on a scale of 1-10 for each of the above requirements plus neatness, accuracy, and detail. This will be done **IN CLASS**.

If you have any questions please feel free to contact me.

Thank you,
Mrs. Stephens

** I understand all requirements of this project _____
Student

** I am aware and support my child in this project _____
Parent(s)

Map skills Project Rubric

- _____ **Creative, with an overall theme, and title.**
- _____ **Map Key with a minimum of 10 labeled symbols (places around town) and 10 labeled landforms * This counts as 20 pts. (bottom right)**
- _____ **Compass Rose (above map scale)**
- _____ **Map Scale (bottom left)**
- _____ **Lines of Latitude and Longitude with numbers (Prime Meridian and Equator must be present as well as proper numbering of lines.**
- _____ **Names of states/counties (min. of 5) Names of cities (min. of 5).**
- _____ **Questions and answers about your map on a separate sheet of paper.**
- _____ **Overall neatness in appearance and color.**
- _____ **Directions were followed.**

Total _____