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Mapping Skills Curriculum Map

Provide in-depth coverage of the skills needed in map reading. Students make maps of their classroom, school, and Neighborhood. They will learn to locate places on a map, to find countries using coordinates, and locate themselves on a map. The 22 hands-on mapping activities give students a wide variety of knowledge and challenges.

Introduction and Teacher Planning Information:

- At A Glance – list of skills covered
- Teacher Assessment Rubric
- Student Self-Assessment Rubric
- Preliminary Preparations
- Introduction Ideas
- Bulletin Board Ideas
- Teacher Input Suggestions
- Glossary of Geographic Terms
- Teacher Information
- Answer Key

Student Activities:

Mapping Skills Student Booklet

Learning Expectations Covered:

- Become familiar with the types of maps used to identify different aspects of a country
- Identify the four hemispheres and locate them on a globe or map
- Understand the causes and effects of day and night, and the seasons
- Have a good understanding of, and use meridians of longitude and parallels of latitude to describe location
- Use maps and the globe to locate countries, places, and physical features
- Use appropriate vocabulary and terms while reading and making maps

Basic Mapping Skills Activity Cards 1 – 20

Learning Expectations Covered:

- Locate and identify objects, and give directions in their environment using the cardinal and intermediate directions
- Locate and identify features on a map using the cardinal and intermediate directions
- Read maps by using the symbols listed in a legend or key
- Create sketch maps of familiar places, using symbols for places and routes
- Use number and letter grids to locate places
- Measure distances using a scale
- Use appropriate vocabulary and terms while reading and making maps

World Mapping Skills Activity Cards 1-10

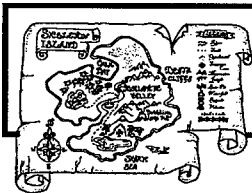
Learning Expectations Covered:

- Have a good understanding of, and use meridians of longitude and parallels of latitude to describe location
- Locate and identify features on a map using the cardinal and intermediate directions
- Use maps and the globe to locate countries, places, and physical features
- Read maps by using the symbols listed in a legend or key
- Use number and letter grids to locate places
- Use appropriate vocabulary and terms while reading and making maps

Mapping Word Study Activities with Answer Key

Learning Expectations Covered:

- Use appropriate vocabulary and terms while reading and making maps

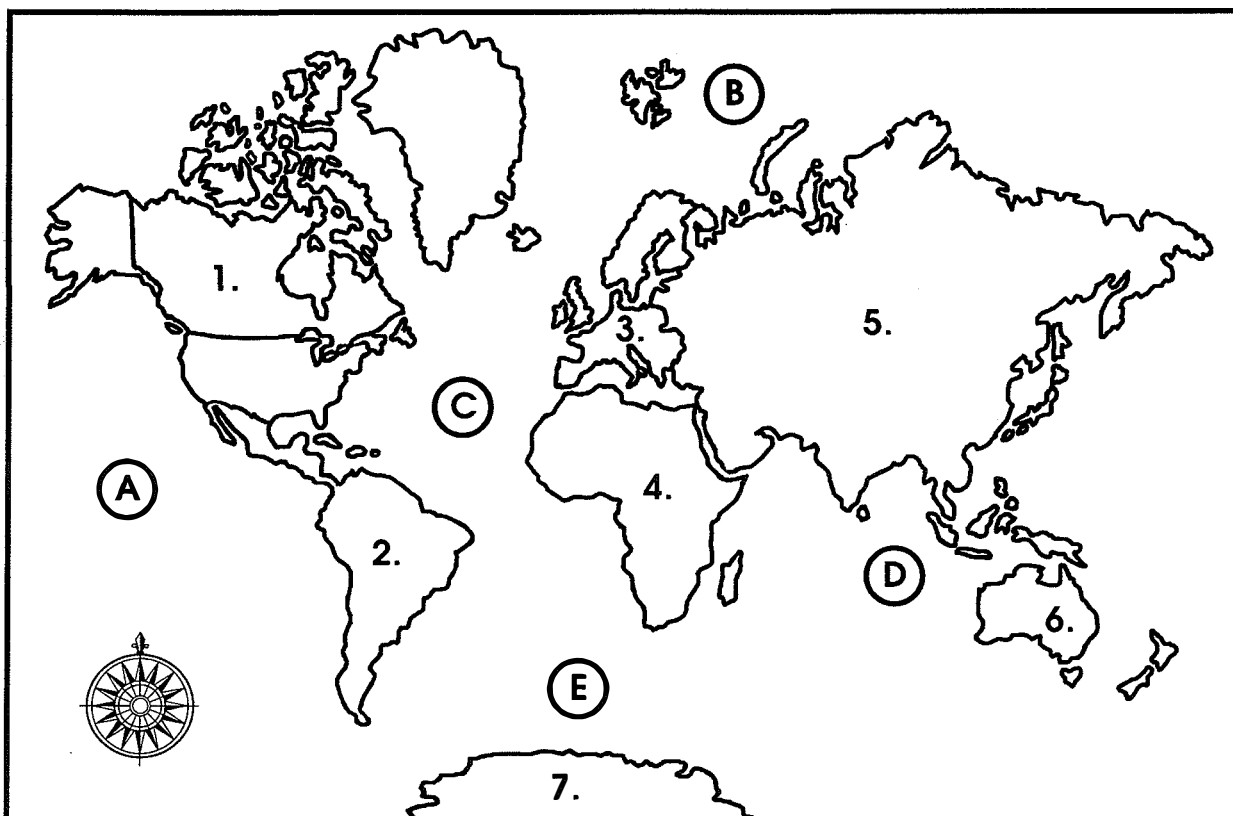


Mapping Skills



World Mapping Skills Card #1

Our World



This is a map of the _____.

The world is divided into seven _____.

The continents are:

- | | |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 3. _____ | 7. _____ |
| 4. _____ | |

Color each continent a different color.

In the world there are five _____.

The oceans are:

- | | |
|----------|----------|
| a) _____ | d) _____ |
| b) _____ | e) _____ |
| c) _____ | |

Color the waters blue.



Mapping Skills



World Mapping Skills Card #2

Where Do We Live?



We live in the country called _____. It is located on the continent called _____. There are _____ countries in North America. They are _____, the _____ and _____.

On the east coast is found the _____. On the west coast is found the _____.

Color Canada red, the United States yellow, and Mexico green.

The continent of North America is found in the _____.

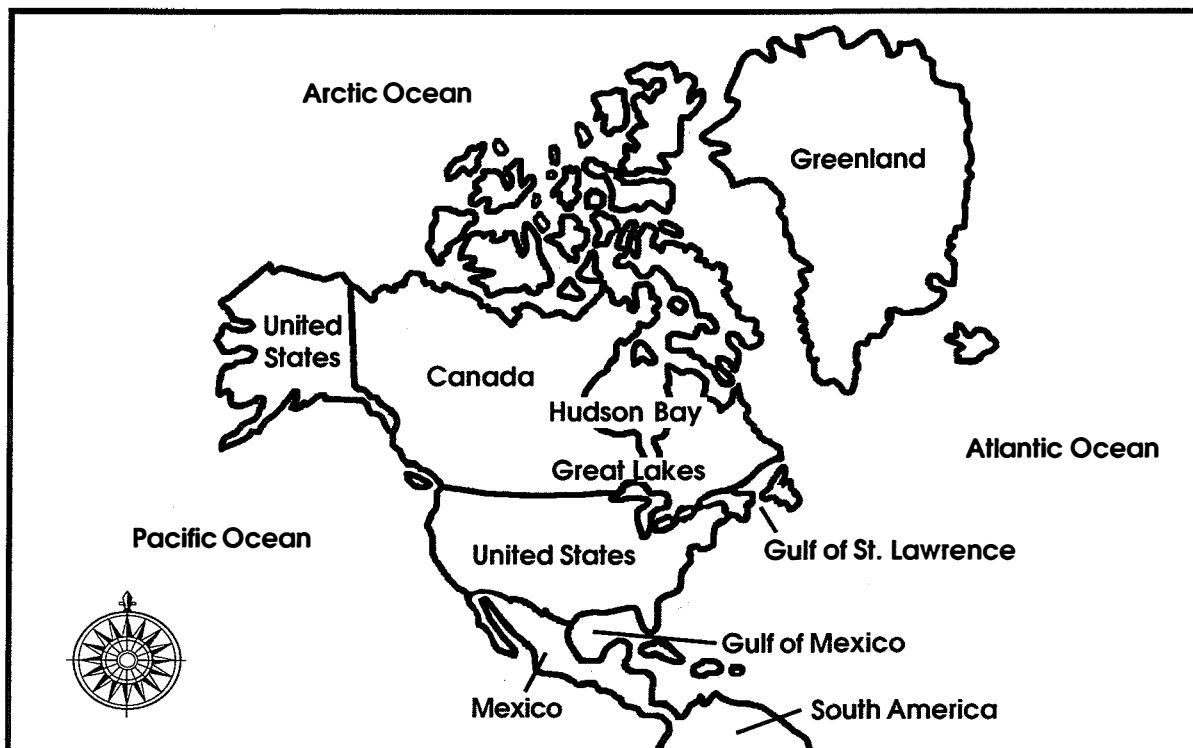


Mapping Skills



World Mapping Skills Card #3

Reading the Map of North America



Complete the following sentences by choosing words from the map.

1. The continent shown on the map is _____.
2. The ocean east of North America is the _____.
3. The ocean north of North America is the _____.
4. The ocean west of North America is the _____.
5. _____ is the largest island.
6. Most of the islands in the north belong to _____.
7. The Great Lakes are part of the boundary between _____ and the _____.
8. The country of _____ is found south of the United States.
9. The Gulf of St. Lawrence and the Gulf of Mexico are two large bodies of _____.
10. Hudson Bay reaches into the country of _____.



Mapping Skills



World Mapping Skills Card #4

Reading the Map of Canada



This is a _____ map of Canada. A political map shows
 _____ and _____ between the _____,
 _____, _____, and _____.

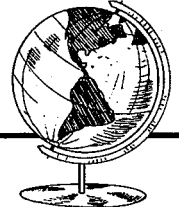
1. List the names of Canada's ten provinces and three territories in column A.
 List their capital cities in column B.

Column A

Column B



Mapping Skills



_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

2. Which five areas in Canada do not share any of their border with the United States?

3. Which body of water lies directly north of Canada? _____ west of Canada? _____ east of Canada? _____
4. Which area in Canada has the most islands? _____
5. What is the name of Canada's closest neighbor? _____
6. What is the name of the capital city of Canada? _____ In which province is it located? _____
7. Which province is an island? _____
8. Which province is an island and part of the mainland? _____
9. Which two provinces do not have any water as a border or boundary?

10. Which American state is west of the Yukon? _____
11. Which provincial capital city is located on an island in western Canada?
_____ In which province is it found? _____
12. What are the names of the three prairie provinces?

13. What are the names of the atlantic provinces? _____



Mapping Skills



World Mapping Skills Card #5

Reading a Map of the United States

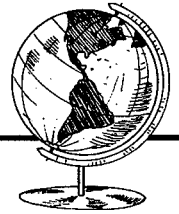


Look at the map of the United States carefully. Locate the answers to complete the sentences or to answer the questions that refer to this map.

1. The United States is also located in the continent of _____.
2. It is located between the countries of _____ and _____.
3. The United States is made up of _____ states and the District of Columbia.
4. What are the names of the states located on the west coast of the United States?



Mapping Skills



5. What are the names of the states that border on the Gulf of Mexico?

6. Which states border the country of Canada?

7. What are the names of the three rivers that are tributaries of the Mississippi River?

8. Which river forms part of the boundary between the United States and Mexico?

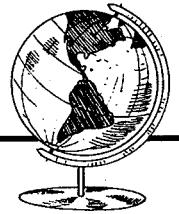
9. Which two states are not connected to the United States physically?

10. Which state is located the farthest south? _____
11. Which state is the farthest north? _____
12. Which two states are separated by one of the Great Lakes?

13. What is the name of the capital city of the United States? _____
14. Which state is a long peninsula? _____
15. Which state is made up of a group of islands that vary in size and shape? _____
16. Make a list of the names of the states that you have visited.



Mapping Skills



World Mapping Skills Card #6

Labeling a Map

1. Obtain a map of the world from your teacher.
2. Using an atlas locate your country on a world map. Color it **green** on your world map.
3. Put a directional indicator on the map.
4. Locate the following oceans and neatly print their names on your world map.

Atlantic Ocean
Pacific Ocean
Arctic Ocean

Indian Ocean
Southern Ocean

5. Choose the names of **ten** countries that you have heard about. Make a list of their names on the lines below.

Now locate them on a world map. Label them neatly on the map. Be sure to print their names.

6. Which of those ten countries is the closest to your country?

7. Which of those ten countries are the farthest away?

8. How would you color your map? What color would the land be?
What color will you make the the water?

Discuss with your teacher and decide which colors you will need.

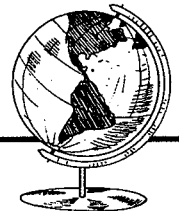
Do you need a legend?

What symbols will you use in your legend and on the map?

Be sure to label your map neatly.

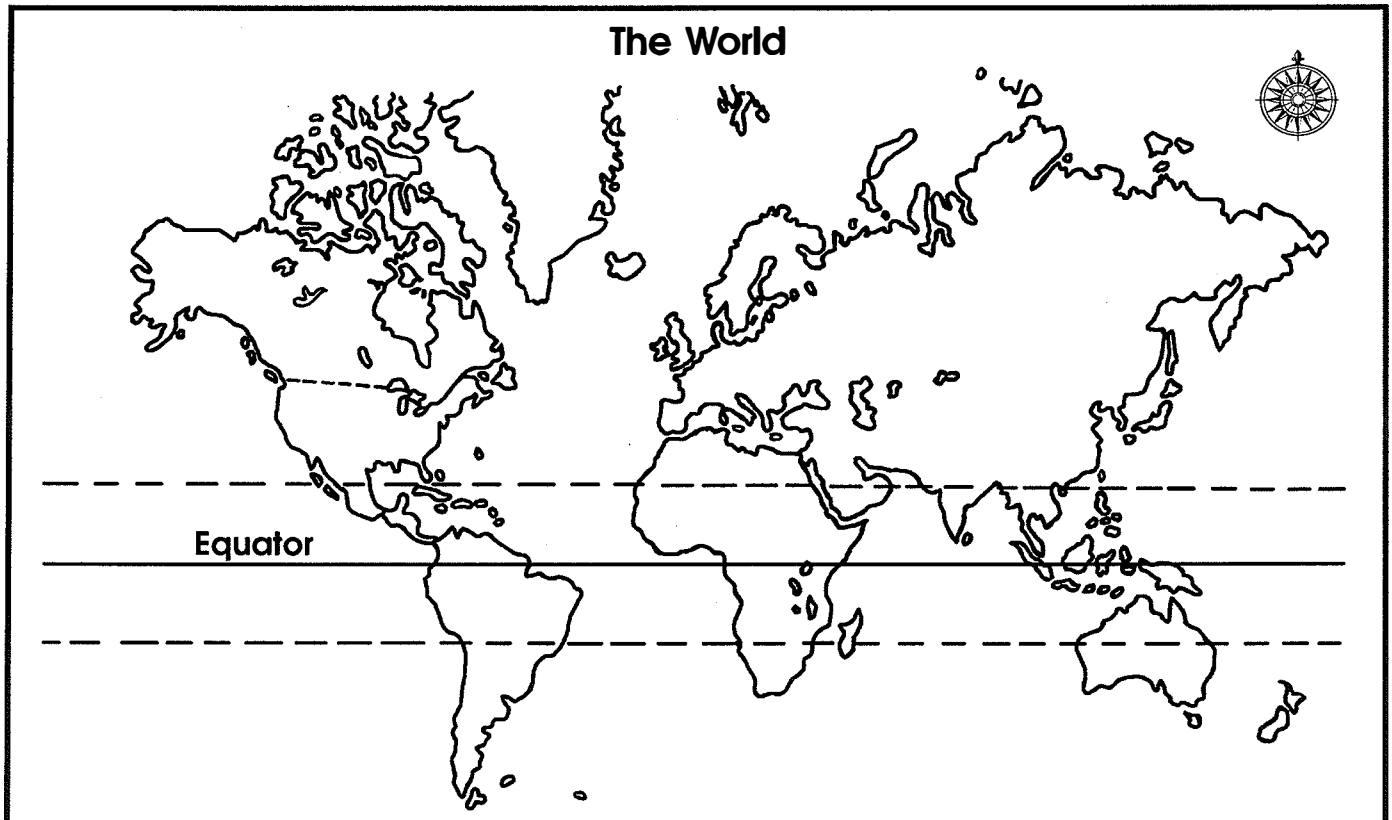


Mapping Skills



World Mapping Skills Card #7

Locating Places on a Map



Since the world map shows so many places, it is not always easy to locate something using only a directional indicator.

Cartographers decided a long time ago to use **imaginary** lines to help people when they read maps of the world.

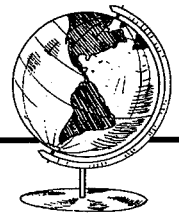
On the map above, you will see three lines drawn across the world map. The center, solid line, is called the **equator**. It divides the world in half.

Countries above the equator are said to be "north of the equator", while countries below the equator are said to be "south of the equator".

Using an atlas and the world map above, complete the activities on the accompanying page.



Mapping Skills

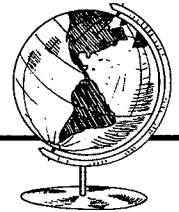


1. Two countries that are **north** of the equator are _____ and _____.
2. Three countries that are **south** of the equator are _____, _____ and _____.
3. Name two countries that “touch” or lie along the equator.
_____ and _____
4. The equator passes over three, large oceans. They are the _____, the _____ and the _____.
5. If a plane flew from Australia to Mexico, it would go over the equator.
True or False
6. The equator passes over India. **True or False**
7. There are two broken lines shown on this world map. One lies north of the equator and the other lies to the south. Their names are the _____ and the _____.
8. Print their names on the broken lines in blue pencil.
9. Canada is found _____ of the Tropic of Cancer.
10. The Tropic of Capricorn passes through three continents. What are their names?

11. Australia is located _____ of the equator.
12. What are the names of the four continents that are north of the Tropic of Cancer?

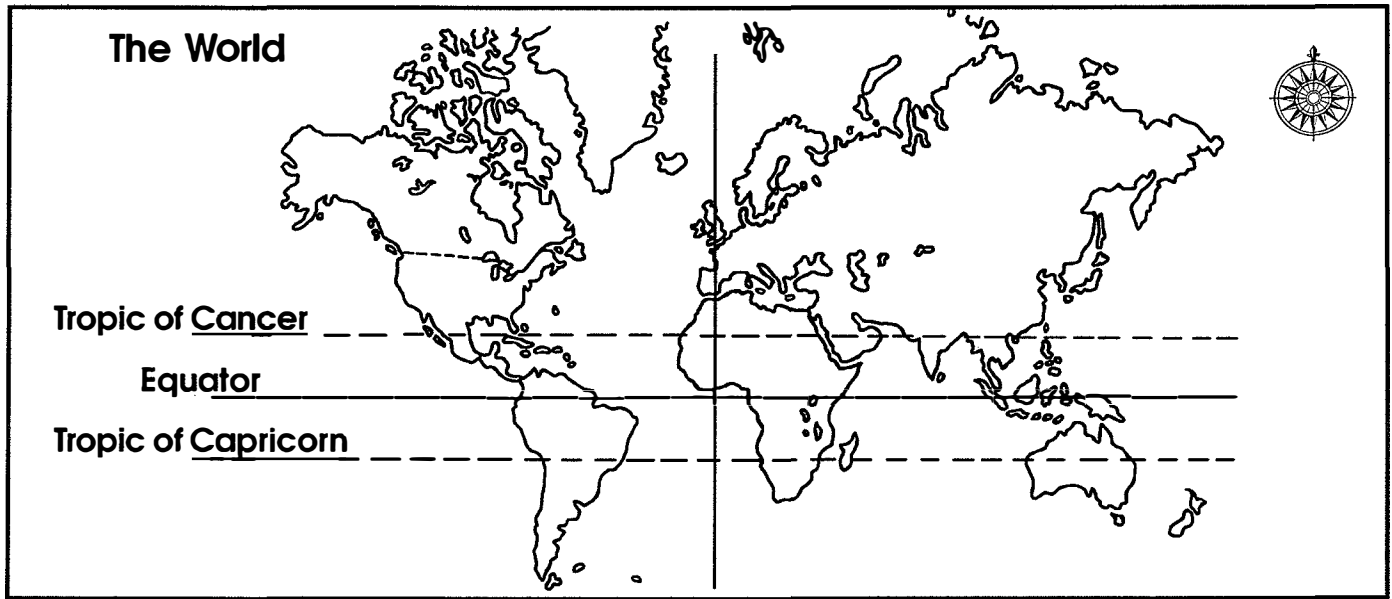


Mapping Skills



World Mapping Skills Card #8

Locating Places on a Map



In order to make maps even easier to read, cartographers decided to put another imaginary line on the map of the world. This line has a special name. It is called the **prime meridian**.

All places in the world are either east or west of the prime meridian.

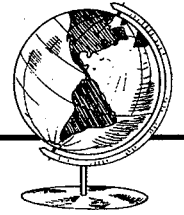
Print the word prime meridian in green along the line on the map.

Complete the following activities using the map.

1. Three countries that are east of the prime meridian are _____, _____ and _____.
2. Two countries that are west of the prime meridian are _____ and _____.
3. Name two countries that are north of the equator and east of the prime meridian. _____
4. Name two countries that are south of the equator and west of the prime meridian. _____
5. Australia is _____ of the equator and _____ of the prime meridian.
6. Mexico is _____ of the equator and _____ of the prime meridian.



Mapping Skills



1. Use the coordinates below to locate a country or a body of water. Print its name on the line beside the coordinates.

a) H,13 _____

b) P,11 _____

c) E,11 _____

d) D,9 _____

e) O,6 _____

f) U,4 _____

g) H,6 _____

h) I,9 _____

i) C,4 _____

j) M,14 _____

k) E,8 _____

l) S,5 _____

2. Listed below are the names of countries found on a world map. Beside each one write the coordinates.

a) Egypt _____

b) France _____

c) United States _____

d) Canada _____

e) India _____

f) Mexico _____

g) British Isles _____

h) Africa _____

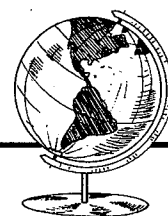
i) Japan _____

k) China _____

3. Although this method of locating countries or bodies of water is a good one, what problems might one have in using this method?

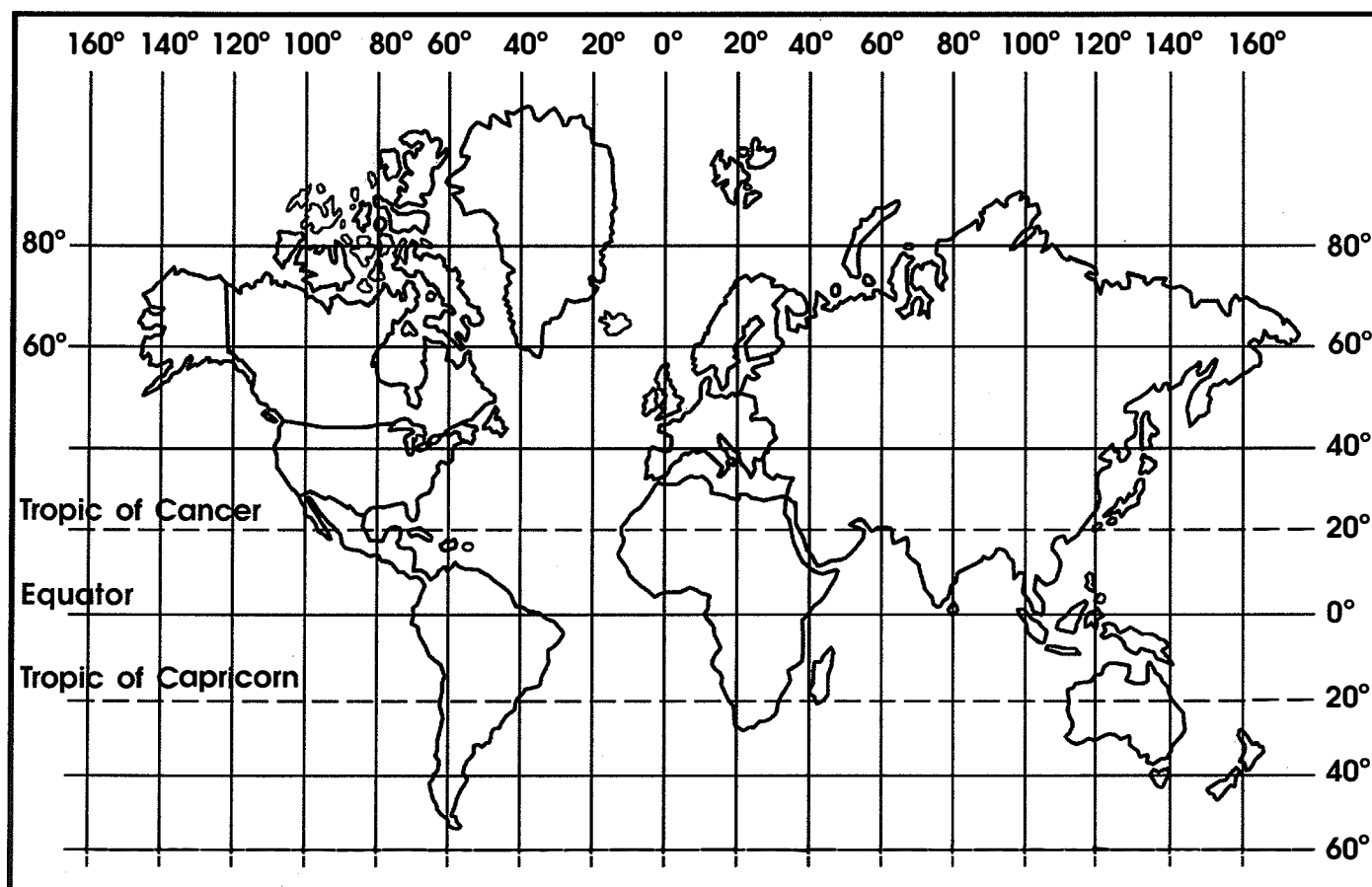


Mapping Skills



World Mapping Skills Card #10

Using Latitude and Longitude



This is a map of the world that you would usually see in a student atlas.

It has the equator, Tropic of Cancer, Tropic of Capricorn and the prime meridian marked on it.

In addition, it also has other lines as well.

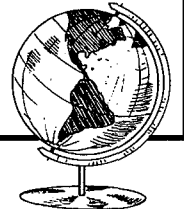
The lines that run the same way as the equator are called **parallels of latitude**.

The lines that run the same direction as the prime meridian are called **meridians of longitude**.

We usually call these lines just **latitude** and **longitude**.



Mapping Skills



All atlases are marked exactly the same way. The positions of the longitude and latitude lines **never change**.

If you wanted to tell someone where Greenland could be found in terms of latitude and longitude, you could say this:

"Greenland is north of the equator at about 80° latitude, and west of the prime meridian at about 40° longitude."

Or

you could just say, " 80° N, 40° W".

1. Below are some coordinates of countries or bodies of water using latitude and longitude. Use your school atlas to identify each one.

- | | |
|--|--|
| a) 20° N, 40° W _____ | d) 60° N, 140° E _____ |
| b) 40° N, 100° W _____ | e) 0° N, 80° E _____ |
| c) 60° N, 80° E _____ | f) 60° N, 100° W _____ |

2. Countries are big and can have their area spread over many coordinates. Write the coordinates in latitude and longitude that you think are proper for these countries.

- | | |
|--------------------|----------------------|
| a) Australia _____ | d) France _____ |
| b) China _____ | e) Iceland _____ |
| c) Mexico _____ | f) New Zealand _____ |