

AROUND THE WORLD IN 40 MINUTES

USING LATITUDE AND LONGITUDE COORDINATES TO FIND PLACES ACROSS THE GLOBE

Directions:

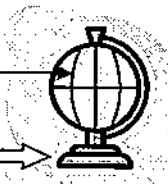
1. Cut out the cartoon characters (along with the tab on the bottom!) who represent the children from around the world.
2. Fold the tab backwards for each person.
3. Locate the home of each person by using the table below of the coordinates where they live.
4. Determine the person's longitude first (east or west of the prime meridian) and then the latitude (north or south of the equator)
5. Check with your teacher's key to determine if your locations are accurate.

Remember that for latitude, imagine the horizontal lines that are like the rungs of a ladder



A position relative to the EQUATOR

A position relative to the PRIME MERIDIAN



Remember that for longitude, imagine the vertical lines that run the long way

PERSON	COUNTRY	LATITUDE	LONGITUDE
Blane (wearing a kilt)	SCOTLAND	55° North	5° West
Hiapo (wearing a lei)	HAWAII	19° North	155° West
Kristine (holding a basketball)	U.S.A. (Kansas)	39° North	95° West
Gahiji (carrying a spear)	AFRICA	15° South	30° East
Katla (wearing the viking helmet)	NORWAY	60° North	10° East
Sakito (wearing a kimono with a cup of tea)	JAPAN	35° North	135° East
Andres (with the poncho and sombrero)	CHILE	33° South	70° West
Avni (with the sari and pot on her head)	INDIA	20° North	75° East
Brandon (with the skateboard)	U.S.A. (Colorado)	42° North	105° West
Esperanza (with the fan)	SPAIN	40° North	5° West
Akiak (with the fishing pole)	ALASKA	60° North	150° West
Sun (with the flower in her hand)	CHINA	30° North	100° East
Crosby (the penguin)	ANTARCTICA	75° South	90° West

Around the World in 40 minutes

Assessment Questions

1. Have your teacher initial or sign here that you have every person located comfortably in their home country! _____
2. What line divides the Earth into a northern and southern hemisphere? _____
3. What hemisphere do you live in (northern or southern)? _____
4. What line divides the Earth into an eastern and western hemisphere? _____
5. What hemisphere do you live in (eastern or western)? _____
6. What is the highest number of degrees you can travel north of the equator? _____
7. Why can't you travel any farther north than this? _____

8. What is the farthest number of degrees you can travel west of the prime meridian? _____
9. Why can't you travel any farther west than this? _____

10. What happens to the *spacing* between the lines of **latitude** as you move towards the north or south pole? Does the spacing remain the same, does it become closer together, or does it become farther apart? _____
11. What happens to the *spacing* between the lines of **longitude** as you move towards the north or south pole? Does the spacing remain the same, does it become closer together, or does it become farther apart? _____
12. Which type of lines are always parallel? _____
13. Which type of lines meet at the poles? _____
14. Imaginary lines of latitude and longitude were developed by humans and have been used by humans for centuries. They are needed (are essential!) to pinpoint a location on earth very accurately. In complete sentences, explain why these lines allow us to do just that.

