

LATITUDE AND LONGITUDE



www.hobbsscrew.com/lat

©2020 Copyright Hobbs Crew



Latitude and Longitude Unit Study Instructions

Thank you for downloading this product. This unit study is designed to engage the child in what they are learning. As they come to the activities they are to stop and complete them. This will help them remember what they are learning.

This lesson plan is designed to be used as a group and be facilitated by a leader or as a Give 'N Go Unit Study. If you choose to use it as a Give 'N Go Unit Study, the child must be able to read and follow instructions. This is a great time to boost their capabilities if they are weak in this area.

Latitude and Longitude Unit Study

I like to keep my supply lists very simple so hopefully, you have the supplies on hand. Here is the list for this unit study:

Latitude and Longitude Unit Study Supply List (per child):

- | | |
|----------------------|---------------------------|
| • Printed Unit Study | • Glue |
| • Pencils | • 2 Round Pieces of Fruit |
| • Electronic Device | • Knife |
| • Internet Access | • Cutting Board |
| • Scissors | |

What subjects are covered in this unit study?

This unit study covers science, vocabulary, and writing.

YouTube Videos

There are a couple of YouTube videos in this study about what happened Latitude and Longitude. We recommend the parent preview the videos before letting the child see them.



Latitude and Longitude Unit Study Instructions

Part One: What do Longitude and Latitude mean?

In this portion of the unit study, the student will watch a video and then complete a worksheet about the facts of Latitude and Longitude. The worksheet is a fill-in-the-blank with a word bank and the answer key is available.

Part Two: How the Earth is Divided

This portion of the unit study focuses on specifically how longitude and latitude lines divide the earth. They will do a hands-on project which will help them remember which way the lines run and which direction they divide the earth. The worksheets needed for this project are available in this study.

Part Three: A Fruity Version of Dividing the Earth

In this final portion of the lesson, the child will cut the fruit to demonstrate what they have learned about longitude and latitude. They will need to use a knife so they may need some supervision. They are instructed to get a parent to help them with this portion of the lesson.

Latitude and Longitude

Unit Study

Answer Key

Longitude and latitude are the Earth's coordinate system that tells people where you are.

Latitude lines run east to west and run parallel across the earth.

Latitude lines measure the distance from the equator.

Longitude lines measure the distance from the Prime Meridian.

Longitude lines run from north to south.

The first number when writing the coordinates is Latitude.

The second number when writing the coordinates is Longitude.



WEST

Longitude lines
run north to
south.

Answer Key

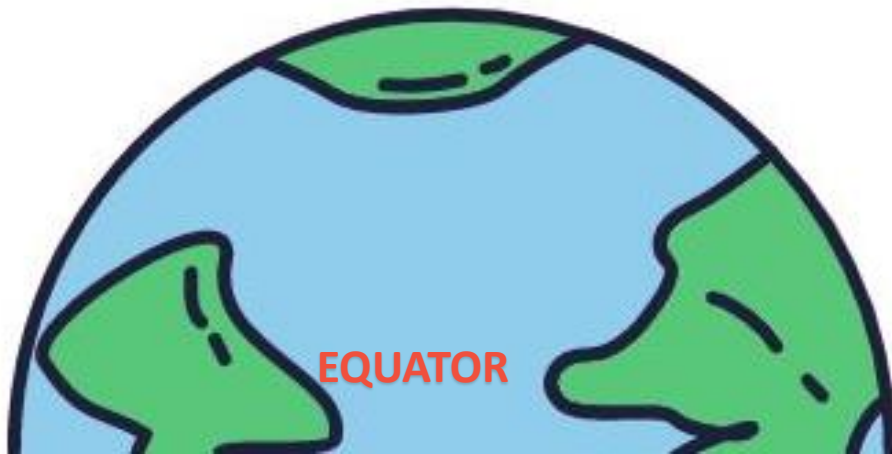
↑
L
O
N
G
I
T
U
D
E
↓



EAST

Longitude lines
divide east and
west.

NORTH



← **LATITUDE** →



SOUTH

Latitude lines
run east to
west

Latitude lines
divide north
and
south.

Answer Key

Latitude and Longitude



Part One: What do Longitude and Latitude mean?

Longitude and latitude are imaginary lines you find on maps and globes and are used as the Earth's coordinate system. These lines are used to tell people where you are. It is basically a fancy address.

Latitude lines run east to west and longitude lines run north to south. When they are combined, they will tell the exact location somewhere on Earth.

Watch this YouTube Video



Latitude and Longitude
By Mr. Fox's Science Classroom

<https://youtu.be/NSSShnnrpq4>

Complete the worksheet on the following page.

Latitude and Longitude Unit Study

Word Bank

Latitude

Longitude

Prime Meridian

equator

first

coordinate system

second

Longitude and latitude are the Earth's _____
_____ that tells people where you are.

_____ lines run east to west and run
parallel across the earth.

Latitude lines measure the distance from the
_____.

Longitude lines measure the distance from the
_____.

_____ lines run from north to south.

The _____ number when writing the
coordinates is Latitude.

The _____ number when writing the
coordinates is Longitude.

Latitude and Longitude



Part Two: How the Earth is Divided

The word hemisphere means “half a sphere” or “half a globe”.

Watch this YouTube Video



Dr. Nagler's Laboratory: Longitude and Latitude
By Roble Education

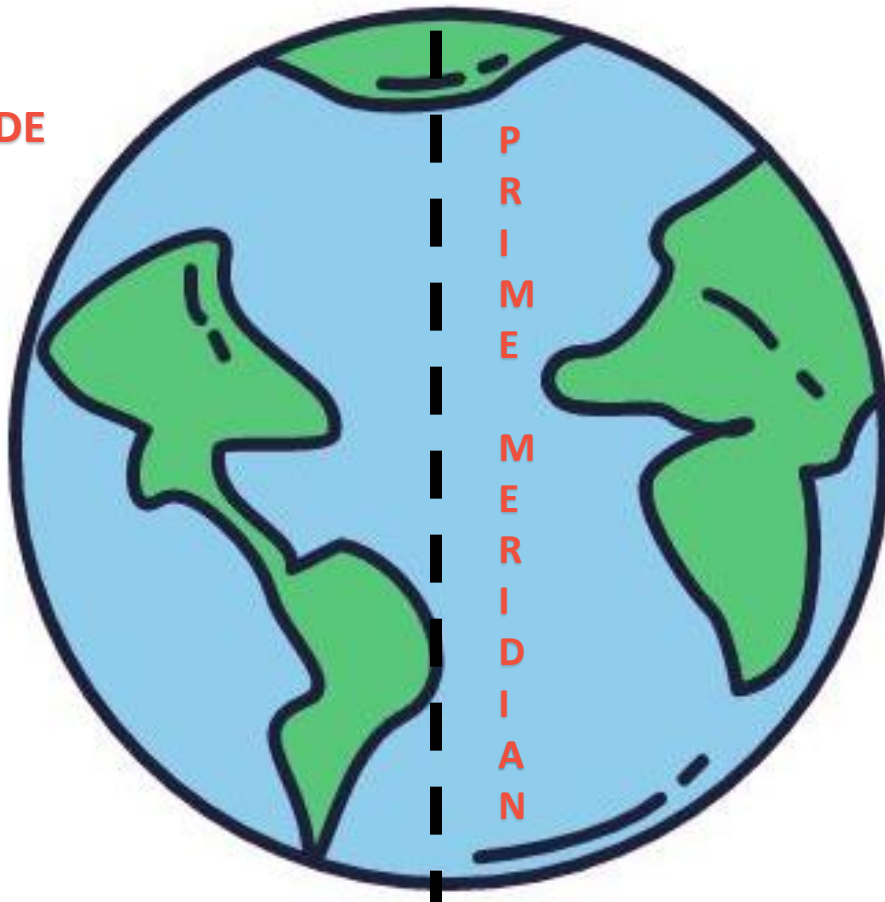
<https://youtu.be/cTrsvGytGG0>

Activity: Cut the Earth in Half...Twice

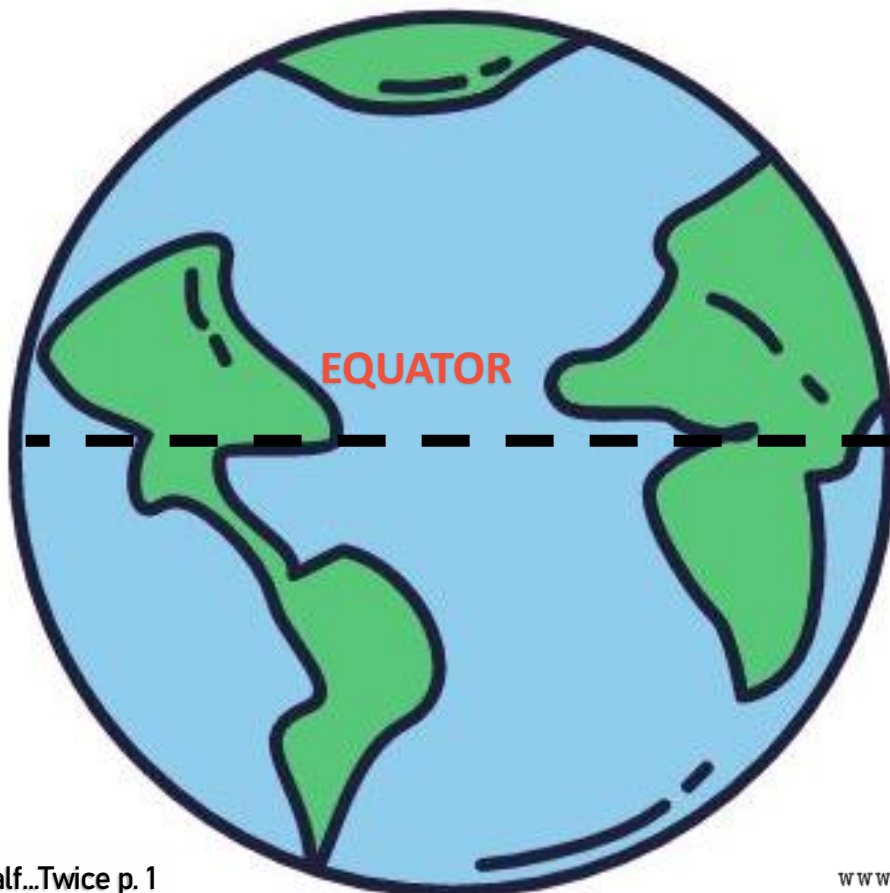
Supplies: Scissors, glue, Cut the Earth in Half ...Twice pages 1, 2, and 3.

1. Gather all your supplies and read through these instructions so you are familiar with what you are going to be doing.
2. Cut out the earth labeled longitude.
3. Cut it in half on the dotted lines.
4. Glue one half of the earth on one side of the longitude line and the other half of the earth on the other side of the longitude line.
5. Write in the blanks with the correct words. If you have trouble, watch the video again.
6. Cut out the earth labeled latitude.
7. Cut it in half on the dotted lines.
8. Glue one half of the earth on one side of the latitude line and the other half of the earth on the other side of the latitude line.
9. Write in the blanks with the correct words. If you have trouble, watch the video again.
10. Once you are done, check your answers on the answer key.

LONGITUDE



LATITUDE



↑
L
O
N
G
I
T
U
D
E
↓

WEST

EAST

Longitude lines
run

to

_____.

Longitude lines
divide

and

_____.

Cut the Earth in Half...Twice p. 2

NORTH

← LATITUDE →

SOUTH

Latitude lines
run

to

_____.

Latitude lines
divide

and

_____.

Cut the Earth in Half...Twice p. 3

Latitude and Longitude



Part Three: A Fruity Version of Dividing the Earth

Activity: A Fruity Version of Dividing the Earth

Supplies: 2 round pieces of fruit, knife, cutting board, and a parent

1. Gather all your supplies and read through these instructions so you are familiar with what you are going to be doing.
2. Explain to your parent what latitude and longitude lines are.
3. Cut the first fruit along the “Prime Meridian” and explain what it is.
4. Cut the second fruit along the “Equator” and explain what it is.
5. Enjoy eating the fruit together!



Thank you!

We hope you love this resource as much as we do! If you have any questions, comments, or concerns, please feel free to reach out to us at thehobbsscrew@gmail.com. We want to support you and this product any way we can.

CONNECT WITH US!



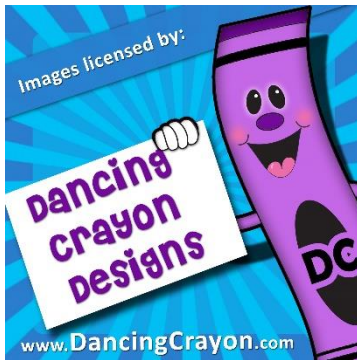
www.hobbsscrew.com



TERMS OF USE

This product is for your personal use in your classroom or home. You may not post this product on any public websites or claim it as your own. If you would like to share on social media, you may share the cover page with a link to our website. Thank you!

www.hobbsscrew.com



Credits

