



Where in the World Am I?

Washington School

Monticello IL

N 40° 01.173'

W 88° 34.436'



The Third Grade students of Washington School study our world in their Social Studies. They study where the continents are on earth, latitude and longitude, and countries that are located on the different continents.

They follow this introduction by finding where on earth their home is located. Each child takes home a GPS receiver to take a reading for their longitude and latitude and a digital camera to photograph their home and a few items that are special to them around their home.

The students share with parents the use of the GPS receiver and digital camera. Back at school these photos are then opened in a graphics program (KidPix Deluxe) and the student types a caption for each photo. On the photo of their home, they add their address, including their latitude and longitude. They have available digital photos of: earth taken from space, a photo of North America, a map of USA, a map of Illinois from space, and a map of Illinois with the counties marked so that they can show in which county they live. They compile these along with their own photos into a presentation, record their own audio caption and can show exactly where on earth they are. Our students proudly invite their parents to an afternoon/evening for viewing the slideshow.

On the back side of this page are representations of the handouts that the children used to communicate with their parents, plan, and proceed with their presentations in the computer lab.

Please try our project and enjoy learning Where on Earth You Are! I would be happy to hear about your successes or to answer questions. If you send your latitude/longitude perhaps we could find you!

My e-mail is: murphy@sages.us

Illinois State Standards:

Social Science

State Goal 17: Understand world geography and the effects of geography on society, with an emphasis on the United States.

Fine Arts:

State Goal 26: Through creating and performing, understand how works of art are produced.

English Language Arts:

State Goal 3: Write to communicate for a variety of purposes. (3.A.3b)

State Goal 5: Use the language arts to acquire, assess and communicate information

National Educational Technology Standards

1. Basic operations & concepts, 2. Social, ethical & human issues, 3. Technology productivity tools, 4. Technology communications tools

Permission for Use of Camera & GPS Unit

In computer class the Third Grade students will be creating a presentation showing "Where I Am in the World". They will gather data and combine that with what they are learning in Social Studies. They may bring from school a digital camera, to take 4 or 5 pictures of their home, and a GPS unit, to locate their latitude and longitude. A GPS unit is a handheld device that receives information from satellites that are orbiting earth. From this information, the receiver can give a reading of the longitude and latitude if its location.

Because the camera and GPS unit have significant cost to them, the parent has to take responsibility for their child's use of them. If you are willing for your child to take a camera and GPS unit home overnight, and be responsible for them, please sign the sheet below. If you have a digital camera and could email to me, as an attachment, photos of your home, that would be a fine way for your child to get pictures.

If you have any questions, please feel free to contact me. Phone: 762-8511 x1642 or email, murphy@sages.us or your child's classroom teacher.

Mrs. Murphy, computer teacher

My child, _____ has my permission to borrow from the school a digital camera and GPS unit. I will be responsible for its proper use and safe return to the school on the following day.

(parent's/guardian's signature)

Comments:

Where in the World Am I?

Name _____

Address (911) _____

City _____

Zip Code _____

County _____

State _____

Country _____

Continent _____

Latitude (parallel) _____

Longitude (meridian) _____

Planet _____

- Photograph of my home from the front. Date _____
- Photograph of a tree/plant in my yard.
- Photograph of _____
- Photograph of _____
- Photograph of _____

Where in the World Am I?

You should have:

- Title page
- photo of earth
- photo of North America
- photo of United States of America
- photo of Illinois
- photo that shows your County - Piatt or Champaign
- photo of Your House - with address and latitude and longitude
- other photos from your home
- photo of YOU!!

Make sure you label them (Save picture as) before you save them to your folder so that you KNOW what the picture is. Save all of your slides and your slideshow into your own folder, in your teacher's folder, in 2014 on the server.

There are extra photos in the 3rd Grade folder, labeled GPS Murphy Samples. You may use any of these that you like.

Make sure each page has:

- Complete sentences - they start with a capital letter, end with a period or even an exclamation mark!
- Font is readable
- Font is a good size
- Font is a good color

Record a caption for each slide. You can read what the sentence says if you like. Save your Slideshow into your own folder.

Global Position System

Instruction Sheet for finding your latitude and longitude

Turn on the receiver by holding down the power [PWR] key for 2 seconds,

(a disclaimer screen automatically appears)

Press the PAGES key.

Press the right arrow key until GROUP F is highlighted.

Press the EXIT key

Read and record the latitude and longitude for your location. The screen will flash until the receiver has acquired its location. This may take a few seconds.

N _____ ° _____'

W _____ ° _____'

The Computer lab at Washington School has a reading of N 40° 01.173'

W 88° 34.436'

6. Turn the receiver off by holding down the power [PWR] key until it displays that it is powering off in 3, 2, 1 second.

Digital Camera - Vivitar

There are two buttons at the top on the back of the camera. The right one is the Power button.... etc.