

Map Your Trees – Teacher Instructions

Standards:

History 1.2 Students compare and contrast the absolute and relative locations of places and people and describe the physical and/or human characteristics of places.

History 1.2.3 Construct a simple map, using cardinal directions and map symbols

Science 1.2. Plants and animals meet their needs in different ways.

a. different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places.

e. roots are associated with the intake of water and soil nutrients, green leaves with making food from sunlight.

Science 1.4 Scientific progress is made by asking meaningful questions and conducting careful investigations.

a. draw pictures that portray some features of the thing being described.

Preparation:

1. Ask at your school for a map – one probably exists. If not, you can create your own after you create the Google satellite map.

2. Search for your school in Google Maps.

3. Click on the + symbol until you zoom in as much as possible.

4. Expand the map as much as possible (removing the extra information on the left by pressing the arrows).

5. Press the print screen key.

6. Open an image editing program and paste.

7. Save the image.

8. You can now create a simple map using Word (or another graphics program).

9. In Word, create a document and set it up as a landscape format.

10. Click on Word Art and create the building shapes in Word.

* If possible create a large poster of the school map.

Directions:

1. Show students the satellite map and compare to the drawn map.

2. Tell students they are going on a hunt for trees.

3. Pair students into groups of four or five to look for trees.

4. As the students find trees, mark the trees in the correct spot on the map compared to the buildings.

5. The students will transfer the completed school map to their own personal map.

6. Students can then sketch the trees and create a visual representation of one tree.

Extensions:

Science lesson on the tree parts especially the leaves and roots.

Science lesson on tree growth as students plant their own tree at school or in the community.

Examples at: www.mrsdupar.com/teachers/mapyourtreesexamples.pdf



Why Do We Need Trees?

1. Trees create our air.
2. Trees help water go into the soil and become part of rivers.
3. Trees help clean the air and water.
4. Trees hold the land in place to keep it from being washed away.
5. Trees are homes for animals.

