

Predictions using **Virtual Earth** and Weather.com ( Page 1 )  
**Download Virtual Earth:** <http://virtualearth.imagery-2008.com/index.asp>

Using **Virtual Earth**, determine the Latitude and Longitude for a few of the major cities on each major land mass (continents): Insert from **Wikipedia** with links.

A continent is one of several landmasses on Earth. Generally identified by convention rather than criteria, but seven areas are regarded as continents – (largest to smallest):  
Asia, Africa, North America, South America, Antarctica, Europe, and Australia.<sup>[1]</sup>

Also, record location of each city as to located in the Northern or Southern hemisphere.

After recording Latitude & Longitude, use Accuweather or Weather Channel to record daily temperatures at the specified location (city). Why are some similar temperatures?

Does the Time of Day make a difference? Which would make more of a difference?

Select major cities located at similar Latitude & Longitude but on different continents.

Using **Virtual Earth**, predict if two cities of same Latitude have similar temperature!

Using **Virtual Earth**, predict weather for cities having same Longitude different sphere.

City	Latitude	Longitude	Distance	Temperature	Time of Day

Try locating and comparing at least (4) parts of major cities over the world!

**Include open-ended comments on this activity in region below:**

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## Predictions using [Virtual Earth](#) and [Weather.com](#) ( Page 2 )

This is the required activity for Predictions using [Virtual Earth](#) and Weather site above activity.

**Create a Lesson Plan** using [Inquiry Questions](#) expecting very specific answers from students.

**Use Page 1** of this activity as **part** of lesson to assist students in [acquiring basic knowledge](#).

**Create a Lesson Plan** including a few unique attributes which are part of your Major or Minor.

Make sure the Lesson Plan has a specific Table with Headings for easy organization of answers.

Also, make sure the Lesson Plan has a open response region for comments and/or suggestions.

This should be a (3) page activity with a overview ( Objectives, Description, Grade Level, etc )

of the lesson plan as the first page then use the above page as second page (another page okay)

**then** the final page of this activity should be the detailed questions with table for answers, finally

a open ended response region for student comments and / or suggestions on your specific lesson

and/or for future lessons or projects that are student projects or activities.

Come to think of it, The first page **might** be a couple of pages if it follows lesson format below!

**Include an appropriate description along with the items listed in lesson format below!**

If you are not familiar with MSW tables refer to MS Office Word Table provided [Final Project](#).

If an appropriate Lesson Plan format is needed **then** <http://www.adprima.com/mistakes.htm>

**Include an appropriate description along with the items listed in lesson format above!**

**Submit completed first page along with a 3 to 4 page lesson as described above!**