UNIT SEVEN Worksheet  
Lesson 2  
THEME Location: Absolute/Exact and Relative  

Absolute/Exact Location Activity  

National Geographic Xpeditions website  
http://education.nationalgeographic.com/education/mapping/outline-map/?map=Washington  

Maps are two dimensional models of the Earth’s surface. Used as a reference tool, maps not only show us where something is found, they are also used to help people find the shortest route between two places. To determine distances between places, people measure with miles. Geographers define the exact location of places by labeling their lines latitude and longitude. Together they are called coordinates.  

Latitude lines  
The numbering system used to indicate the location of parallels drawn on a globe and measuring distance north and south of the equator (0). Each number also includes the direction N for north or S for south.  

Longitude lines  
The numbering system used to indicate the location of meridians drawn on a globe and measuring distance east and west of the prime meridian (0). Each number also includes the direction W for west or E for East.
The exact location of a place is determined by naming the latitude and longitude lines together—coordinates. For instance, the exact location symbol (central Madagascar) is $27^\circ$ south and $47^\circ$ east.

Using the map at right, write the letter of the exact location of each of these coordinates. Each coordinate needs to name the direction—

1. $\star_{\text{ECUADOR}}$

2. $\star_{\text{ICELAND}}$

Record the exact location of these Washington State cities using latitude and longitude coordinates.

Port Angeles  ________________________  Winthrop  _________________________
Goldendale  ________________________  Olympia  _________________________
Vancouver  ________________________  Seattle  _________________________
Relative Location

Relative Location is the position of a place in relation to other places. Working with a partner, think of as many ways as you can to describe the relative location of Seattle. Choose one description to write on a post-it note and place it on the map of Seattle.

Example of relative location of Spokane: Spokane is near the eastern border of Washington, near Idaho and in the middle of the state going north and south.

The relative location of Seattle is ______________________________________________________________
___________________________________________________________________________________