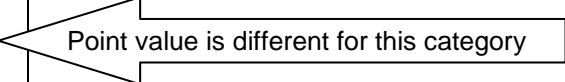


Climate Poster Rubric

Name _____
 Date _____ Period _____ Score ____/4

Category	4-Advanced In addition to 3-proficient, the poster includes the following characteristics.	3-Profficient	2-Partially Proficient	1-Unsatisfactory
1. World Climate Map ____/8	<input type="checkbox"/> Exceptional detail / accuracy <input type="checkbox"/> Exceptional use of color and descriptive key for communication	These climates are <u>neatly and accurately</u> detailed in the map AND identified with a key <input type="checkbox"/> Tropical (rainforest and savannah) <input type="checkbox"/> Dry (arid and semiarid) <input type="checkbox"/> Warm temperate <input type="checkbox"/> Cool temperate <input type="checkbox"/> Polar and subarctic <input type="checkbox"/> Highland	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete
				
2. Ocean Currents ____/4	<input type="checkbox"/> Exceptional detail <input type="checkbox"/> Exceptional use of color for communication <input type="checkbox"/> Additional topics detailed Examples: 1. Comparison of how a specific current affects the climate of a region. 2. The warm, humid climate of the Southeast United States is the direct product of the warm Gulf Stream which flows upward along the east coast 3. Ocean currents like La Nina and El Nino can cause variations to typical climate Other: _____	General description- Ocean currents <input type="checkbox"/> ...affect coastal climates <input type="checkbox"/> ... warmer currents start near equator and travel toward poles <input type="checkbox"/> ... cooler currents either flow toward the Equator <input type="checkbox"/> ... carry a lot of moisture <input type="checkbox"/> The major surface currents indicated on in Figure 5, page 518 are identified on the poster. Red and blue are used to indicate temperature. <input type="checkbox"/> The factor description is clearly linked to the map with symbols/codes/descriptive key. At least ONE specific example is clearly identified on the map.	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete
3. Large Bodies of Water. ____/4	<input type="checkbox"/> Exceptional detail <input type="checkbox"/> Exceptional use of color for communication <input type="checkbox"/> Additional topics detailed Example 1. Recreate details from Figure 2, page 485 2. Describe the affect of the Great Lakes on surrounding land.	General description – Large bodies of water... <input type="checkbox"/> ...absorb and release heat slower than land <input type="checkbox"/> ...cause coastal regions to be warmer in the winter and cooler in the summer <input type="checkbox"/> The factor description is clearly linked to the map with symbols/codes/descriptive key. At least ONE specific example is clearly identified on the map.	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete
4. Rain Shadow ____/4	<input type="checkbox"/> Exceptional detail <input type="checkbox"/> Exceptional use of color for communication <input type="checkbox"/> Additional topics detailed Example: 1. Other deserts are explored to determine whether they are caused by rain shadow affect or other causes 2. Discuss the relationship between how the rain shadow affect is tied to the mountain affect	General description – Rain shadows... <input type="checkbox"/> ...are caused by mountains when air flowing into the mountains is forced to rise, cool, condense and precipitate on the windward side. On the lee side of the mountain, the air descends heats up, and dries the land. <input type="checkbox"/> ...are often deserts. <input type="checkbox"/> A diagram similar to Figure 3 on page 487 is included <input type="checkbox"/> The factor description is clearly linked to the map with symbols/codes/descriptive key. At least ONE specific example is clearly identified on the map.	One of the criteria for the 3-Proficient response is missing or incomplete.	Two or more of the criteria for the 3-Proficient response are missing or incomplete

<p>5. Mountains</p> <p>____/4</p>	<p>____ Exceptional detail ____ Exceptional use of color for communication ____ Additional topics detailed</p> <p>Examples: 1. Description of how mountain / rain shadow affect influences smaller scale climates (comparing the wet side and dry sides of the Big Island) 2. Explain how the climate changes as we go from the desert floor in Grand Junction to the top of the mesa</p>	<p>General description – Mountains... ____...cause the climate to be cooler than lower elevations. ____... have air that is much thinner (less air particles) so it cannot hold as much heat as denser air at lower elevations</p> <p>____ The factor description is clearly linked to the map with symbols/codes/descriptive key. At least ONE specific example is clearly identified on the map.</p>	<p>One of the criteria for the 3-Proficient response is missing or incomplete.</p>	<p>Two or more of the criteria for the 3-Proficient response are missing or incomplete</p>
<p>6. Latitude</p> <p>____/4</p>	<p>____ Exceptional detail ____ Exceptional use of color for communication ____ Additional topics detailed</p> <p>Examples: 1. Explaining how day length and solar radiation vary by zone 2. Specific statistics for each zone</p>	<p>General description – Latitude... ____... affects climate because the overall amount of solar radiation that reaches the surface decreases as from the equator to the poles</p> <p>____ Major climate zones are identified / described.</p> <ol style="list-style-type: none"> 1. Tropics 2. Temperate 3. Polar <p>____ The factor description is clearly linked to the map with symbols/codes/descriptive key. At least ONE specific example is clearly identified on the map.</p>	<p>One of the criteria for the 3-Proficient response is missing or incomplete.</p>	<p>Two or more of the criteria for the 3-Proficient response are missing or incomplete</p>

____ / 28 ÷ 7 = ____/4