Meteorology Project -Pamuk - Developing Rubric

Identify how global patterns of atmospheric movement influence local weather using weather maps that show high and low pressures and fronts.

1. Initiating Progress	2. Approaching Expectations	3. Meeting Expectations	4. Exceeding Expectation
Define high & low pressure, and fronts.	Identify how global patterns of atmospheric movement influence local weather	8.10.B: Identify how global patterns of atmospheric movement influence local weather using weather maps that show high and low pressures and fronts.	Identify and explain how global patterns of atmospheric movement influence local weather using weather maps that show high & low pressures & fronts.

Recognize that the Sun provides the energy that drives convection within the atmosphere and oceans, producing winds and ocean currents.

1. Initiating Progress	2. Approaching Expectations	3. Meeting Expectations	4. Exceeding Expectation
Define convection and show knowledge of wind & ocean currents.	Recognize that the Sun provides the energy that drives convection within the atmosphere.	8.10.A: Recognize that the Sun provides the energy that drives convection within the atmosphere and oceans, producing winds and ocean currents.	Recognize and be able to explain how the Sun provides the energy that drives convection within the atmosphere & oceans, producing winds & ocean currents.

Identify the role of the oceans in the formation of weather systems such as hurricanes.

1. Initiating Progress	2. Approaching Expectations	3. Meeting Expectations	4. Exceeding Expectation
List the conditions needed for a hurricane to form.	Identify the role of the oceans in the formation of weather systems.	8.10.C: Identify the role of the oceans in the formation of weather systems such as hurricanes.	Research weather systems such as hurricanes and explain the role of oceans in their formation.