

Learning Targets

Section	Learning Target #	Learning Target
Weather and Climate	7.1	I can explain how global patterns of atmospheric and oceanic movement influence weather and climate.
Weather and Climate	7.2	I can compare and contrast the difference and relationship between climate and weather.
Weather and Climate	7.3	I can describe how different weather occurs due to the constant motion of the atmosphere from the energy of the sun reaching the surface of the Earth.
Weather and Climate	7.4	I can explain how the temperature of the oceans affects the different climates on Earth because water in the oceans holds a large amount of heat.
Weather and Climate	7.5	I can describe weather conditions associated with frontal boundaries (cold, warm, stationary, and occluded) and the movement of major air masses and the jet stream across North America using a weather map.
Weather and Climate	7.6	I can describe how Water circulates through the four spheres of the Earth in what is known as the “water cycle.”
Weather and Climate	7.7	I can explain the water cycle and describe how evaporation, transpiration, condensation, cloud formation, precipitation, infiltration, surface runoff, ground water, and absorption occur within the cycle.
Weather and Climate	7.8	I can analyze the flow of water between the components of a watershed, including surface features (lakes, streams, rivers, wetlands) and groundwater.