

Unit Overview - Layers of the Earth's Atmosphere

Essential Questions <ul style="list-style-type: none"> How do the layers of Earth's atmosphere compare? What happens to the Earth's atmosphere as the altitude increases? 		<input type="checkbox"/> I totally get it <input checked="" type="checkbox"/> I kinda get it <input type="checkbox"/> I don't get it	
What Came First: <ul style="list-style-type: none"> (5th Grade) Compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) and patterns. 			
What Comes Next: <ul style="list-style-type: none"> (High School: Earth and Environmental Science) Summarize the structure and composition of our atmosphere. 			
Enduring understanding		Important to know and do	
<input type="checkbox"/> Earth's atmosphere is divided into layers according to characteristics such as temperature and pressure <input type="checkbox"/> Gases and temperatures change throughout the layers <input type="checkbox"/> Earth's atmosphere supports life	<input type="checkbox"/> Names and order of atmosphere layers <input type="checkbox"/> Characteristics of each layer <input type="checkbox"/> Explain how pressure changes with altitude <input type="checkbox"/> Gases in atmosphere <input type="checkbox"/> Air has weight	Worth being familiar with <input type="checkbox"/> Events that can cause sudden changes in atmosphere <input type="checkbox"/> Shifts in atmosphere's temperature through Earth's history <input type="checkbox"/> How pressure affects weather <input type="checkbox"/> Water vapor is water in gas phase	
Vocabulary to master			
<input type="checkbox"/> Altitude	<input type="checkbox"/> Stratosphere	<input type="checkbox"/> Water vapor	<input type="checkbox"/> Exosphere
<input type="checkbox"/> Atmosphere	<input type="checkbox"/> Mesosphere	<input type="checkbox"/> Weather	<input type="checkbox"/> Ionosphere
<input type="checkbox"/> Composition	<input type="checkbox"/> Thermosphere	<input type="checkbox"/> Air pressure	<input type="checkbox"/> Pause
<input type="checkbox"/> Properties	<input type="checkbox"/> Troposphere	<input type="checkbox"/>	<input type="checkbox"/>