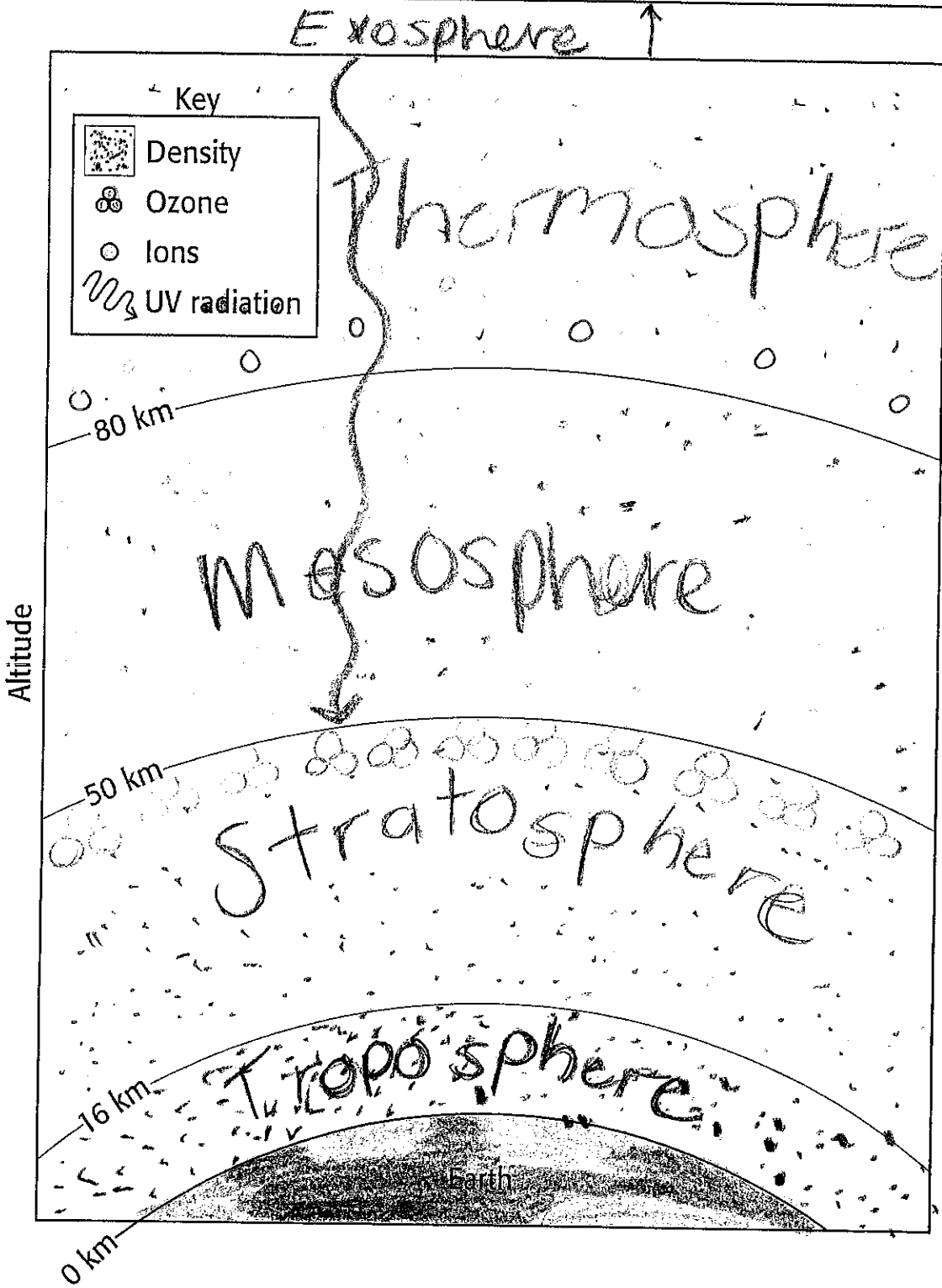


Earth's Amazing Atmosphere, continued




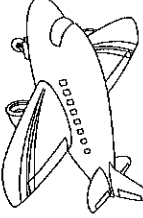



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Layers of the Atmosphere

<u>Troposphere</u> Layer	<u>Stratosphere</u> Layer	<u>Mesosphere</u> Layer	<u>Thermosphere</u> Layer	<u>Exosphere</u> Layer
				
<p>0 - 16 km</p>	<p>16 km - 50 km</p>	<p>50 km - 90 km</p>	<p>90 km - 300 km</p>	<p>300 km +</p>
<p>All weather happens at this layer.</p>	<p>Jets cruise near the bottom of this layer.</p>	<p>Meteors, or "shooting stars," burn up at this layer.</p>	<p>Shimmering curtains of light, called auroras, happen here.</p>	<p>Many satellites orbit at this layer.</p>
<p>Air pressure is the highest at this layer.</p>	<p>The ozone layer is located here.</p>	<p>This is the coldest layer of the atmosphere.</p>	<p>This is the hottest layer of the atmosphere.</p>	<p>Air pressure is lowest at this layer.</p>
<p>This layer contains 99% of the earth's water vapor.</p>	<p>Weather balloons are flown to this layer.</p>	<p>This is the hardest layer to study since planes cannot fly high enough and</p>	<p>The space shuttle orbits at this layer.</p>	<p>It is sometimes considered part of outer space.</p>

Satellites cannot fly low enough.

<u>Troposphere</u>	<u>Stratosphere</u>	<u>Mesosphere</u>	<u>Thermosphere</u>	<u>Exosphere</u>
*air closest to Earth	*Ozone layer is part of this layer (shields harmful sun rays)	*middle layer	*hottest layer	*satellites circle the Earth here
*where we live	*planes fly at the bottom of this layer	*coldest layer	*aurora borealis is seen here	*air pressure is lowest at this layer
*weather is formed here	*weather balloons are flown to this layer	*meteorites break apart here	*space shuttle orbits in the upper part of this layer	
*10 miles (16 km) above the surface of the Earth		*hardest layer to study		
*air pressure is the highest at this level				