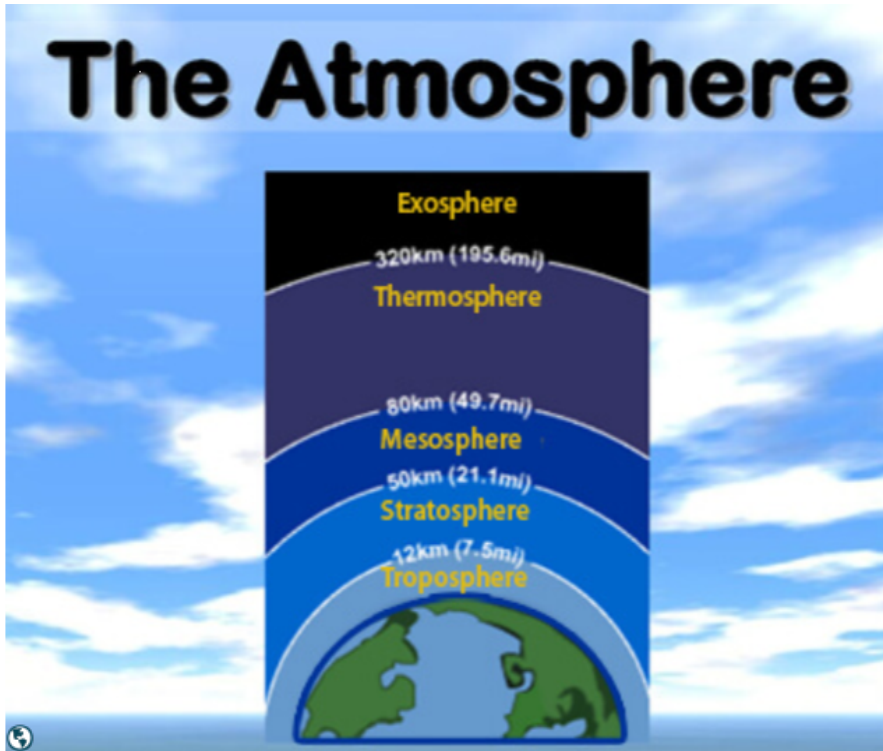


## Atmosphere on Earth



The earth is surrounded by the atmosphere, which protects us from radiation from the sun, falling meteors and toxic gases. It consists of 5 layers:

- 1) Troposphere- starts at the Earth's surface and extends 12 kilometers high. It is the most dense. Almost all weather is in this region and our oxygen that is needed to breathe is found here.
- 2) Stratosphere - starts just above the troposphere and extends to 50 kilometers high. The ozone layer, which absorbs and scatters the solar ultraviolet radiation, is in this layer. Ozone layer is getting thinner due to pollution. Airplanes fly in this layer to avoid turbulence.
- 3) Mesosphere -starts just above the stratosphere and extends to 80 kilometers high. Meteors burn up in this layer. Coldest layer.
- 4) Thermosphere- starts just above the mesosphere and extends to 320 kilometers high. Northern lights and satellites occur in this layer. Warmest layer
- 5) Exosphere- upper limit of our atmosphere. It extends from the top of the thermosphere up to 10,000 km. Hydrogen and helium found there and the air is very thin.



[Red sky at night, sailors delight. Is it true? - YouTube](#)

1 min

## Attachments

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NOTES - Ecological Organization.pdf

TEXT - Water and Nitrogen Cycles.pdf

Science 7 Rock Assignment 1.docx