

7th Grade Science
Lesson: April 6

Learning Target:

I can label, in order, the layers of the atmosphere.

Let's Get Started:

What is the atmosphere? What is the atmosphere made of?

Video on the [layers of the atmosphere](#).

Lesson:

Read the following article on the atmosphere. As you read, take notes on the following topics:

1. What is the atmosphere?
2. What holds the atmosphere to the Earth?
3. What are the gases contained in the atmosphere?
4. How does the atmosphere circulate from one place on the planet to another?

Article:

[Geography4kids- Up in the Sky](#)

Answers to article questions:

1. What is the atmosphere?

The atmosphere is a thin layer of gases that surround the Earth.

2. What holds the atmosphere to the Earth?

Gravity holds the atmosphere to the Earth.

3. What are the gases contained in the atmosphere?

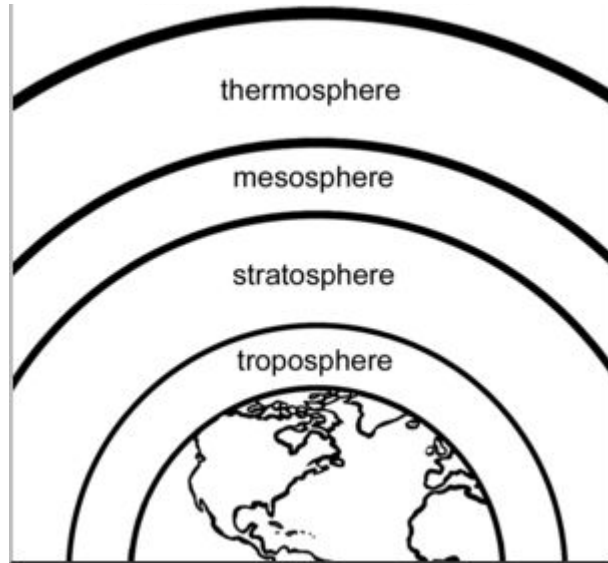
The majority of the atmosphere is composed of nitrogen (N_2) molecules, oxygen, carbon dioxide (CO_2), and ozone (O_3).

4. How does the atmosphere circulate from one place on the planet to another?

The hot air from the equator eventually moves north or south to other climate regions. That warmer air combines with cooler air, mixing begins, and storms form.

Practice:

Use this image to practice drawing and labeling the layers of the atmosphere until you can draw it without looking at the answers.

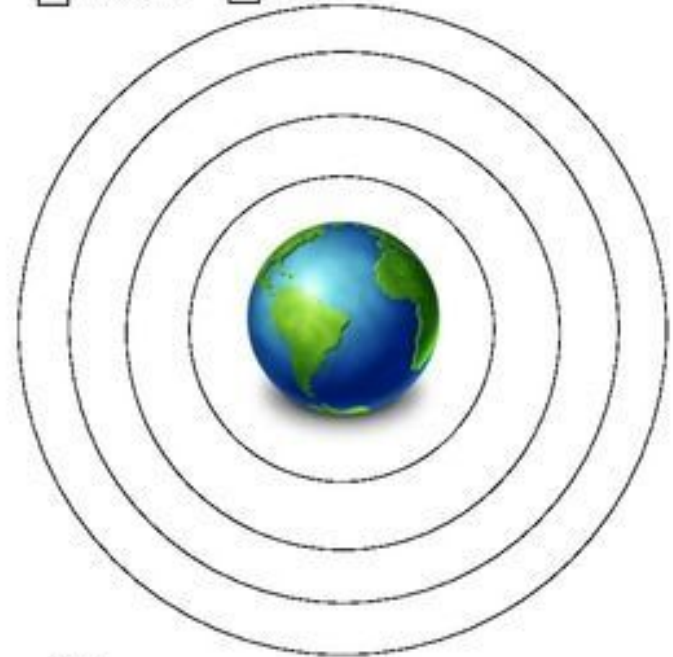


Practice continued:

Draw an image of the Earth and the layers.
Label the Layers in order.

Use the answer key on the next slide to check
your answers.

- Troposphere
- Stratosphere
- Mesosphere
- Thermosphere
- Exosphere

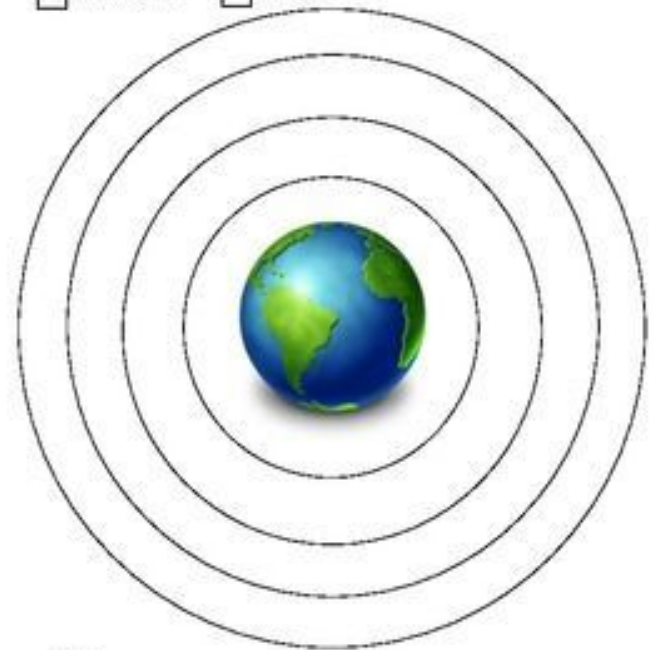


Name _____

Answers from farthest to closest to Earth.

Thermosphere
Mesosphere
Stratosphere
Troposphere

- Troposphere
- Stratosphere
- Mesosphere
- Thermosphere
- Exosphere



Name _____

Additional Resources:

[Thermosphere](#)

[Mesosphere](#)

[Stratosphere](#)

[Troposphere](#)