

Atmosphere Review Game

The objective is to have the lowest score above zero.

Points are between -5 and +5 for each question.

If a team answers correctly they get to choose how to award the points. If a team answers incorrectly the following team will decide how and where to award the points.

No team may be given points more than 2 times in a row.

The points will be revealed with the question, but you may not change questions once your team has selected.

Layers of the Atmosphere	Gases of the Atmosphere	Heat Transfer Mechanisms	Carbon Cycle and the Ozone Layer	Seasons and the Greenhouse Effect
<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>
<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>
<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>

Which layer of the
atmosphere has the lowest air
pressure?

2pts

[Back](#)

_____ and _____
are the two most abundant
gases in the Earth's
atmosphere.

-2pts

[Back](#)

A heat lamp is warming food at a restaurant. This is an example of what kind of heat transfer?

3pts

[Back](#)

The chemical makeup of
Ozone is_____.

-3pts

[Back](#)

The earth experiences
seasons because of what two
things?

-1pts

[Back](#)

What layer of the atmosphere
is the Ozone layer located in?

1pts

[Back](#)

Name two greenhouse gases
other than Carbon Dioxide.

-5pts

[Back](#)

How is heat transferred through conduction?

5pts

[Back](#)

The chemicals that degrade
the Ozone layer are called

-4pt

[Back](#)

When we have summer it
means the North Pole is tilted
_____ the sun.

4pts

[Back](#)

In which layer of the
atmosphere do satellites
orbit?

-3pts

[Back](#)

What percent of the air we
breath is oxygen?

3pts

[Back](#)

Which energy transfer
mechanism only occurs in
liquids and gases?

-1pts

[Back](#)

Identify two reservoirs for
carbon other than the
atmosphere.

1pt

[Back](#)

Coal is a major contributor to greenhouse gases in the atmosphere. In the US coal is mostly used for _____.

2pts

[Back](#)

As you move up through the
Stratosphere the temperature
gets warmer
because_____.

-2pts

[Back](#)

Nitrogen makes up what
percent of air we breath?

3pts

[Back](#)

The energy transfer mechanism that can move heat energy from the sun to earth is_____.

-2pts

[Back](#)

Why is the recovery of the
Ozone layer considered a
success story?

4pts

[Back](#)

What is the Greenhouse Effect?

How does it work?

-1pts

[Back](#)

This is the coldest layer of
the atmosphere.

1pts

[Back](#)

Why is the troposphere
warmer at the bottom than
the top?

-3pts

[Back](#)

Give an example of heat
transferred through
conduction.

2pts.

[Back](#)

Chlorofluorocarbons can be
produced from what?

-2pts

[Back](#)

What is the angle of the
Earth's tilted axis?

5pts

[Back](#)