

# 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

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\_\_\_\_\_ 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

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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

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-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  
breathe 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

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

4pts

[Back](#)

# What is the Greenhouse Effect?

## How does it work?

-1pts

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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.

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Chlorofluorocarbons can be  
produced from what?

-2pts

[Back](#)

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

5pts

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