DAILY Warm-Up 5

Name _____ Date _____

EARTH'S ATMOSPHERE

What do you know about Earth's atmosphere? Earth's atmosphere is a thin layer of gases that cover the outer edge of Earth. It is mostly made up of nitrogen and oxygen. There are other gases in the atmosphere as well. This layer of gases is very important. It protects Earth from extreme temperatures. The atmosphere also traps heated air. It protects Earth from the sun's ultraviolet rays. These rays can be very harmful.

The atmosphere is about 300 miles thick. It slowly becomes thinner the farther it is from Earth and fades off into space. There isn't a real defined boundary between the atmosphere and space.

Oxygen in the atmosphere is important. Oxygen allows us to breathe. Without oxygen in the air, we would not be able to live. Some of the oxygen has changed over time. This is called the ozone layer. Some experts believe that humans have caused a hole in ozone layer.

The atmosphere is divided into five layers. The weather we experience on Earth takes place in the first layer. Weather happens because the atmosphere is constantly moving and changing.

STORY QUESTIONS

1. Where does the weather we experience on Earth take place?
   a. in the atmosphere
   b. in the first layer of the atmosphere
   c. in the second layer of the atmosphere
   d. in the ozone layer
2. Which paragraph helps you answer the previous question?
   a. second paragraph
   b. first paragraph
   c. fourth paragraph
   d. third paragraph
3. Without the atmosphere, what would happen to Earth?
   a. It could not withstand the sun's ultraviolet rays.
   b. There would be no weather patterns.
   c. There would be less pollution.
   d. The ozone layer would not have a hole in it.

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