

# ENVIRONMENTAL PROBLEMS

Read the reading with the given students. **Structure** **Characteristics**  
**Environment** **The Greenhouse Effect and Global Warming** **Food for Thought**  
**The Climate Crisis** **Conservation**



Read the text and fill in the answers below.

**1.** The greenhouse effect is the process by which the Earth's atmosphere traps heat from the sun. This process is essential for life on Earth. Without it, the planet would be too cold to support any life. The greenhouse effect is caused by greenhouse gases, such as carbon dioxide, methane, and water vapor. These gases trap heat and prevent it from escaping into space. This process is similar to how a blanket traps heat on a person's body.

**2.** Global warming is the long-term increase in the average temperature of the Earth's atmosphere. This is caused by the greenhouse effect. The increase in temperature is due to the increase in greenhouse gases in the atmosphere. This is caused by human activities, such as burning fossil fuels, deforestation, and industrial processes. Global warming is causing a range of environmental problems, such as melting glaciers, rising sea levels, and more frequent extreme weather events.

**3.** Conservation is the practice of protecting and preserving natural resources. This includes land, water, and wildlife. Conservation is important because these resources are essential for life on Earth. We need to conserve these resources so that we can use them for ourselves and for future generations. Conservation can be achieved through a variety of methods, such as recycling, reducing energy consumption, and protecting natural areas.

**4.** The greenhouse effect is a natural process that warms the Earth's surface. It is caused by the presence of greenhouse gases in the atmosphere. These gases trap heat and prevent it from escaping into space. This process is essential for life on Earth. However, human activities are increasing the amount of greenhouse gases in the atmosphere, which is causing global warming. This is a serious problem that we need to address.

**5.** The main problem is that the greenhouse effect is causing global warming. This is leading to a range of environmental problems, such as melting glaciers, rising sea levels, and more frequent extreme weather events. We need to take action to reduce the amount of greenhouse gases in the atmosphere. This can be done by reducing energy consumption, recycling, and protecting natural areas. We also need to develop renewable energy sources, such as solar and wind power.

**6.** Conservation is important because it helps to protect natural resources. This includes land, water, and wildlife. We need to conserve these resources so that we can use them for ourselves and for future generations. Conservation can be achieved through a variety of methods, such as recycling, reducing energy consumption, and protecting natural areas. We also need to develop renewable energy sources, such as solar and wind power.

- 1. The greenhouse effect is the process by which the Earth's atmosphere traps heat from the sun.
- 2. Global warming is the long-term increase in the average temperature of the Earth's atmosphere.
- 3. Conservation is the practice of protecting and preserving natural resources.
- 4. The greenhouse effect is a natural process that warms the Earth's surface.
- 5. The main problem is that the greenhouse effect is causing global warming.
- 6. Conservation is important because it helps to protect natural resources.

