

# Environmental Science Basics

Environmental Science · Answer Key · 8 Questions

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**1. What is the primary source of energy for most ecosystems on Earth?**

- A) The Moon
- B) The Sun**
- C) Geothermal activity
- D) Fossil fuels

**2. Which gas is most abundant in Earth's atmosphere?**

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen**
- D) Argon

**3. What process do plants use to convert light energy into chemical energy?**

- A) Respiration
- B) Transpiration
- C) Photosynthesis**
- D) Decomposition

**4. Which of the following is a renewable resource?**

- A) Coal
- B) Natural gas
- C) Solar energy**
- D) Petroleum

**5. What is the term for the variety of life in a particular habitat or ecosystem?**

- A) Evolution
- B) Biodiversity**
- C) Genetics
- D) Mutation

**6. What layer of Earth's atmosphere protects us from harmful ultraviolet (UV) radiation from the sun?**

- A) Troposphere
- B) Stratosphere**
- C) Mesosphere
- D) Thermosphere

**7. What is the natural process by which dead organic matter is broken down?**

- A) Combustion
- B) Fermentation

**C) Decomposition**

- D) Evaporation

**8. Which major gas do humans exhale, which is also a greenhouse gas?**

- A) Oxygen
- B) Nitrogen
- C) Methane

**D) Carbon Dioxide**