

Environmental Science Basics for Middle Schoolers

Environmental Science · Answer Key · 8 Questions

1. What is the process by which plants make their own food using sunlight, water, and carbon dioxide?

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

2. Which of the following is a non-renewable energy source?

- A) Solar power
- B) Wind power
- C) Coal**
- D) Geothermal energy

3. What is the term for all the living organisms and their physical environment in a specific area?

- A) Biome
- B) Habitat
- C) Ecosystem**
- D) Biosphere

4. What gas do humans exhale that plants use for photosynthesis?

- A) Oxygen
- B) Nitrogen
- C) Carbon dioxide**
- D) Hydrogen

5. Which layer of the Earth's atmosphere is closest to the ground and where most weather occurs?

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

6. What is the main cause of air pollution from vehicles?

- A) Water vapor
- B) Carbon monoxide and nitrogen oxides**
- C) Oxygen
- D) Helium

7. What is the process called when water changes from a liquid to a gas?

- A) Condensation
- B) Precipitation
- C) Evaporation**
- D) Collection

8. Which type of pollution is caused by excess nutrients in water bodies, leading to algal blooms?

- A) Noise pollution
- B) Light pollution
- C) Thermal pollution
- D) Water pollution (eutrophication)**