

Human Body Systems and Earth Day Care

Grade 5

science

earth-day

Students will understand how human body systems work and relate to Earth Day health practices

Name: _____

Date: _____

1. Name one organ that helps your body get oxygen on Earth Day.

2. Which body system carries blood throughout your body for Earth Day activities?

3. Describe how your digestive system breaks down Earth Day picnic food into energy.

4. Explain why clean water on Earth Day is important for your kidney function.

5. How does your nervous system help you stay safe during Earth Day outdoor activities?

6. Explain how air pollution during Earth Day activities affects your respiratory system's function.

7. Describe how your immune system protects you during Earth Day outdoor work in nature.

8. Explain how your skeletal and muscular systems work together during Earth Day tree planting.

Answer Key: Human Body Systems and Earth Day Care

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Connect body system functions to Earth Day by discussing how clean air and water support human health and wellness.

1. Name one organ that helps your body get oxygen on Earth Day.

Answer: Lungs

2. Which body system carries blood throughout your body for Earth Day activities?

Answer: Circulatory system

3. Describe how your digestive system breaks down Earth Day picnic food into energy.

Answer: It breaks food into smaller pieces so your body can absorb nutrients and create energy

4. Explain why clean water on Earth Day is important for your kidney function.

Answer: Kidneys filter waste from blood; clean water helps them work properly and remove toxins

5. How does your nervous system help you stay safe during Earth Day outdoor activities?

Answer: It sends signals to help you sense danger and move your muscles to avoid injury

6. Explain how air pollution during Earth Day activities affects your respiratory system's function.

Answer: Polluted air irritates airways and lungs, making it harder to breathe and get oxygen efficiently

7. Describe how your immune system protects you during Earth Day outdoor work in nature.

Answer: White blood cells fight germs and bacteria that enter through skin, eyes, or respiratory system

8. Explain how your skeletal and muscular systems work together during Earth Day tree planting.

Answer: Bones provide structure and attachment points; muscles contract to move bones, creating movement and work