



Montgomery County Environmental Learning Center

# Sustainability Challenge

Advanced Level

Name \_\_\_\_\_

Date \_\_\_\_\_

1. How many gallons of water does the average American use in a day?
  - a. 82 gallons
  - b. 26 gallons
2. True or False: Around half of the solid waste produced in the US goes to landfills.
  - a. True
  - b. False
3. Natural Gas and Nuclear energy are examples of:
  - a. Renewable energy
  - b. Non-renewable energy
4. Hydropower, biomass, geothermal energy are examples of
  - a. Renewable energy
  - b. Non-renewable energy
5. How many times can glass be recycled without loss in quality?
  - a. Endlessly
  - b. 5-10 times
6. How many times can aluminum be recycled without loss in quality?
  - a. Endlessly
  - b. 10-20 times



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7. How many times can paper be recycled without loss in quality?

- a. Endlessly
- b. 5-6 times

8. How many times can plastic be recycled?

- a. Endlessly
- b. 2-3 times

9. What is plastic made from?

- a. Trees
- b. Non-renewable petroleum oil

10. What is glass made from?

- a. Abundant raw materials like sand
- b. Non-renewable petroleum oil

Bonus: Who can you contact for more information on recycling in your area?

- c. Your local department of fish and wildlife
- d. Your local solid waste district