



Sustainability Challenge

Beginner Level

Name _____

Date _____

1. If something is sustainable, it means that it _____ the environment.

a. Preserves

b. Pollutes

2. It is more sustainable to pack my lunch in a _____.

a. Paper bag

b. Reusable lunchbox

3. What are the 3 "R's in sustainable waste management?

a. React, rebuild, and relax

b. Reduce, reuse, and recycle

4. Solar and wind energy are examples of:

a. Renewable energy

b. Non-renewable energy

5. Coal and oil are examples of:

a. Renewable energy

b. Non-renewable energy

6. How many trees are cut down each year for junk mail?

a. 5 million

b. 100 million



Sustainability Challenge

Beginner Level

7. How much trash is thrown away by Americans each year?

a. 5 million tons

b. 146 million tons

8. True or false: The US uses mostly renewable energy

a. True

b. False

9. True or false: A lot of bottled water in the US is just repackaged tap water.

a. True

b. False

10. How long does it take for a plastic bottle to decompose?

a. 2-3 years

b. 100-400 years

Bonus: What is paper made from?

a. Trees

b. Non-renewable petroleum oil



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



Sustainability Challenge

Advanced Level

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