**Sustainability Pre-assessment**

1. What is one word you think of when you hear the word sustainability?
2. On a scale of 1-10 (10 greatest), how much does sustainability relate to the environment?
3. On a scale of 1-10 (10 greatest), how much does sustainability relate to society?
4. On a scale of 1-10 (10 greatest), how much does sustainability relate to the economy?
5. The key to sustainability is

population growth

to reduce the per capita consumption of resources through conservation

Both 'a' and 'b'

We are currently in good shape in terms of sustainability

1. A sustainable society
2. limits all further development.
3. meets the needs of the present without compromising those of the future.
4. continues as always and assumes that things will work out for the best.
5. returns to a more primitive style of living.
6. is inconsistent with the goals of environmentalism.
7. Which of the following is not characteristic of a sustainable society?
8. practices resource conservation
9. uses renewable resources whenever possible
10. protects biological species from extinction
11. relies heavily on fossil fuels
12. recycles whenever possible
13. Write three words to describe ecological footprint?
14. The concept of ecological footprint is measured in terms of the amount of

a. resource an individual consumes daily.

b. land area.

c. resources an individual consumes over the course of a lifetime.

d. resources an entire nation consumes yearly.

e. resources an individual consumes yearly.

1. The Ecological footprint measure considers which of the following:
2. biologically productive land and water area required to produce resources used
3. land and water required to absorb waste
4. technology and management resource practices
5. a & b
6. a & b & c
7. What does the three Rs of recycling stand for?
8. Reuse, rethink, recycle
9. Rethink, recycle, reduce,
10. Recycle, reduce, replace
11. Reuse, recycle, reduce
12. Reuse, recycle, rethink
13. Which material accounts for the greatest percentage of the weight of solid waste?
14. food waste
15. plastic
16. paper
17. yard waste
18. wood
19. What control do you have over your ecological footprint?
20. What daily activities do you do every day that affect your ecological footprint?
21. What is a Pugh chart?
22. How is a Pugh chart used in the decision making process?
23. What steps do engineers use in creating solutions to problems?