Mrs. Blouin / Iroquois Ridge High School

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TECHNOLOGICAL DESIGN**

Green Building Materials Assignment

Using the internet, research green building materials. Throughout this assignment, look for the most creative design you find. Print it and staple it to this paper. What materials are recycled? What are some of the projects made from recycled materials? How can homes be built more efficiently? Answer the following questions:

1. List 5 common materials that can be made into housing elements:
2. List 3 ways to increase home energy efficiency:
3. What is Trex Decking and how is it made?
4. What specific items are recycled to make Trex Decking?
5. List 2 materials that can be recycled and used for house insulation:
6. Find one recycled building material organization and tell its name.
7. List 2 features of a straw-bale home:
8. How much more energy efficient is a straw bale home than conventional framing?
9. What can be made from recycled tires? List 4 everyday items:
10. What is a “Sod House” and why do people live in them?
11. What is a green roof?
12. What is the purpose of a green roof?
13. Don’t forget to print the picture of the coolest recycled building material (or building) you saw and staple it to the paper!