**Sustainability TED Talks**

**Directions:** Answer the following questions in COMPLETE sentences.

**Metals that Breathe**

1. What did Doris Kim Sung use in biology to inspire her design?
2. What happens to the metal when it’s heated?
3. How does this technology help create more energy efficient buildings?
4. How do grasshoppers breathe?

**Leather and Meat without killing animals**

1) How many animals exist on earth in order to provide meat, dairy, and leather products?

2) What are the advantages of using leather that isn’t

**Magical houses made of bamboo**

1. What are the advantage of using Bamboo as a building material in houses?
2. How could using bamboo be beneficial for the environment?
3. Would you want to live in a house made of bamboo? Why or why not?
4. Which design do you think is the best for mitigating (reducing) climate change? Why?
5. Which design do you think would be the most popular? Why?

6) After watching these TED talks, do you have greater faith that humans can engineer solutions to solve climate change? Why or why not?