

Team Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Standing Strong Worksheet

1. Define the following terms:

**Compression:**

**Tension:**

**Load:**

2. Is spaghetti stronger in tension or compression?
3. Are marshmallows stronger in tension or compression?
3. How tall was your structure?
5. How much weight did you put on your structure before it fell?
6. Why do you think some buildings held more weight than others before falling?
7. What materials would you choose next time if you were to build a structure? Why?