

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

Names: \_\_\_\_\_

## Design Your Own! Worksheet



1. What type of building is your team designing?

2. Describe how each simple machine will be used in your design.

Wedge

Wheel and Axle

Lever

Inclined Plane

Screw

Pulley

3. In two or three complete sentences, describe the mechanical advantage of two of your simple machines. (How will the simple machines make building your idea easier?)

**4. Draw a small sketch of your building, and indicate where the simple machines will be used.**

**5. Design Review Comments**

**6. Describe any design changes you made to make your idea better.**