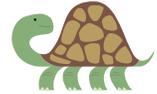


Group Names: _____

Date: _____



Live Like an Animal Activity – Design Your Animal Shelter Worksheet



Design Process Directions

Follow this worksheet to organize your design process.

1. **Define the Problem:** We are designing a human structure that will resemble shelters used by the _____ class of vertebrates.
2. **Gather Information:** In the table below, record information that you have researched about animals in this class. Record at least 3 types of shelters. For each shelter, list at least 4-5 important features.

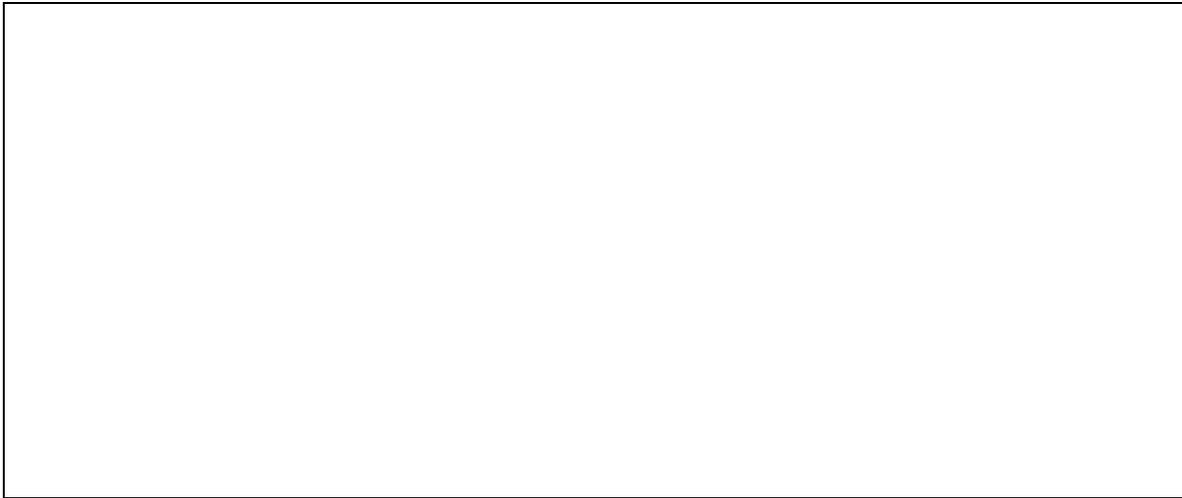
Animal	Shelter	Important Features of Shelter

3. **Brainstorm Ideas:** List all of the ideas that your group has for a shelter you could design. Although the ideas must relate to the information you have gathered above, the ideas can be as silly or wild as you can imagine. _____

Group Names: _____ **Date:** _____

4. **Select a Design:** After discussing all of the ideas, select the most promising idea. Write a brief description below.

5. **Sketch idea:** In the space below, draw a sketch of your idea. Include dimensions (the size) of your shelter.



6. **Materials:** What do you need to build your prototype (scaled model)?

7. **Group Name:** Now that you have decided on what you are going to build, come up with a name for your group (engineering design firm name) and your product (the building).

We are the _____ engineering design firm, and we will be building a structure called _____.