

Passive Solar Design/Heating Project

Directions: Complete the following research/drawing. The minimum length is 3 hand-written, single spaced pages (do not use a heading, put name, date, and title in the upper right hand corner of your paper). Each component is worth 15 points.

Research the following items:

- What is passive solar heating/design and why is it an important part of sustainable design?
- Give the general concepts of passive solar design as it relates to building in the northern hemisphere.
- Explain how solar passive heating works and relate it to the greenhouse effect.
- How does passive solar design save you money?

Include a drawing of the following:

- Pizza box oven with the parts labelled.
- Explanation of how it represents solar passive design.
- Bibliography with minimum of 3 sources.