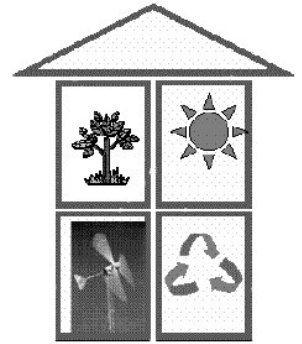


# GREEN SCHOOL BUILDING PROJECT

With the potential of a new school building in the near future, and the expressed interest by the school board to make the building “green”, it seems appropriate to do a project on “green buildings” and ways that a school building can be “green.” The project will involve your group (of four) reviewing information on three different green building techniques and presenting them to the school board.



Components of the project include:

1. Overview (review paper) of green building.
2. 3 review papers on different green building techniques covering the areas of
  - a. Energy (heat generation or retention, energy saving techniques, etc.)
  - b. Site Placement & Design (actual building design, landscaping, etc.)
  - c. Building Materials
3. Presentation Board & Binder

## Timeline:

- ✿ Due February 20<sup>th</sup> – Overview paper
- ✿ Due February 26<sup>th</sup> – First technique paper
- ✿ Due March 5<sup>th</sup> – Second technique paper
- ✿ Due March 12<sup>th</sup> – Third technique paper
- ✿ Due March 23<sup>rd</sup> – Board presentation

## Format for Review Papers:

- ✍ Two page minimum; no “wasted space”
- ✍ Double spaced, 12 pt. Times New Roman, 1” margins on all sides
- ✍ Includes citation of sources at the end
- ✍ At least two sources are to be used. Photocopies of the sources are to be attached to the paper.

## Overview Paper:

Should address the following questions/topics...

- ☞ What is meant by the term “green building”?
- ☞ Cost-benefit analysis of green building
- ☞ Government incentives to build green
- ☞ Examples of ways to build green
- ☞ Brief introduction and description of an organization that promotes green building

## Building Technique Papers:

Pick two building techniques in each of the three areas: (1) Energy, (2) Design, (3) Materials. For each area, your two page paper should address the following...

- ✘ Description of each technique
- ✘ What makes each a green option?
- ✘ Pros & cons
  - Cost-benefit Analysis
- ✘ Final conclusion – is each technique, in your opinion, worth doing?

## **Board Presentation:**

To present your information to the school board, you will pull together all of the information you've gathered over the previous four weeks and put together a two or three panel presentation board. The board should summarize the information you wrote about in the 4 review papers. Therefore you will have a section on green building in general and one section for each of the technique areas. You will also display with your board a binder/portfolio that contains a copy of each of your review papers (and supporting sources).

Boards will be displayed for the school board to review at one of its April meetings.

Board presentations should be:

- Colorful
- Comprehensive
- Include photos/pictures
- Informative
- Neat
- Titles; section headings

Binder should be:

- Complete
- Neatly organized

## **Grading:**

Review Papers – 10 points each → 40 points total  
Board Presentation – 20 points  
Total = 60 points

Papers are graded for...

- How well they meet requirements
- Completeness & content
- Grammar, punctuation, spelling

Boards are graded based upon how well they meet the requirements outlined above.

