

Name of this workshop: MVLA GYC 101—Intro To Greening Your Curriculum

My name: James L. Baker

Course: EAS 120

Title: Sustainability Assignment

Learning outcomes covered in this course by this assignment:

- To gain an appreciation of this wonderful earth on which we live
- To develop a better understanding of sustainability and how important it is that we take an active role to make the world better for ourselves and all others with whom we share this earth

Learning outcomes of this assignment:

- Students will utilize critical thinking skills to depict their sustainable community, building, or home.
- Students will gain a better understanding of the meaning of sustainability.
- Students will share their creative ideas about sustainability and develop their speech skills with their oral presentations.
- Students will apply the sustainable methods they utilize in their projects and those that are presented by other students to create a better world.

This assignment was already used this semester and I just assessed them yesterday and today. The assignment included 3 options: design a sustainable community, or design a sustainable building, or design a sustainable house. The assignment included a written component, an artistic sketch of their project, and an optional extra credit oral presentation. The project relates to sustainability because the students were to design a sustainable community, building, or house. I included this sustainable assignment into my earth science course because I wanted my students to appreciate our wonderful earth and devise ways to help sustain its resources. Besides having assigned this project this semester, I do plan to include this assignment in future classes as my way of helping to "green my curriculum".

Sustainability Assignment

EAS 120-590 and EAS 120-592

J. Baker

One of my objectives in teaching you earth science is to help you appreciate the wonderful earth that we have. The earth provides us with plants for food, oxygen to breathe, and many resources to help us maintain comfortable lives. Another goal is to have you walk away from this course with a mind set that you want to make a positive impact on this world—to promote sustainability. Sustainability includes using the resources of the earth in a wise, sustainable manner so that life and resources will always continue to be on our planet. It also means that you promote economic growth but at the same time develop good sustainable ways in running a business by using energy efficiency, using sustainable resources, making long lasting products and reducing waste. Sustainability also implies that you support social justice, which gives all individuals education, equal opportunity, and a just standard of living. Incorporate these definitions of sustainability into your project in the best way you can.

You are required to submit **one** of the three following projects by Thursday, April 26, 2012:

1. Creatively design a sustainable community and sketch it on paper. Label the sustainable features of your community. Your project must include a one-page typed summary pointing out the features that make your community sustainable.
2. Creatively design a sustainable building and sketch it on paper. Label the sustainable features of your building. Your project must include a one-page typed summary pointing out the features that make your building sustainable.
3. Creatively design a sustainable house and sketch it on paper. Your project must include a one-page typed summary pointing out the features that make your house sustainable.

Extra Credit: Orally present your project to the class using the Elmo to project your sustainable sketch. Depending on quality of presentation, this extra credit can add one or two points to your final grade average.

Method of assessment for basic assignment:

- 0 to 5 points for artistic quality of sketches
- 0 to 5 points for quantity of sustainable features depicted in sketches
- 0 to 5 points for quality of written composition including content, spelling, and grammar

Method of assessment for extra credit oral presentation:

- 0 to 5 points for artistic quality of sketches as shown to students using Elmo to project on classroom screen
- 0 to 5 points for quality of oral presentation