



THIS IS AN EXAMPLE OF A LESSON PLAN USING FACEBOOK THAT COULD BE USED TO TEACH A 8TH GRADE CLASS

Project Title **Science: Global Warming**

Objective *The learner will:*
- identify three greenhouse gases.
- identify two causes of global warming.
- identify two effects of global warming.
- identify four possible solutions to global warming.
- conduct a "green audit" of his/her household.
- List three changes that can be made within the household to help combat global warming.

Learning Environment The students will use the computer lab, science classroom, and if necessary, their own personal computer.

Types of Students The students involved in the project will be 8th graders that are reading their first major novel.

Standards ISTE: 1,2

Computers with internet access. Four different discussions tabs with one question in each tab.

Materials

- What are the causes of global warming?
- What are the effects of global warming?
- What are some things we can do to stop global warming?

President Bush did not sign the Kyoto Protocol because he believes it will hurt the U.S. economy. Share your thoughts on his actions.

Day One

Procedures *Anticipatory Set:*
Briefly review the Greenhouse Effect and global warming. Pose the following questions to the learners and briefly discuss possible answers. What advantages/disadvantages would there be to the Earth's temperatures rising? Would you like the Earth to be hotter? Why or why not?
- Form groups of three students each. Explain to the students that they will be researching the questions displayed on the chart paper. Review the questions with the class. Ask the

- groups to research information to answer the four questions posted on Facebook.
- Have students log on to Facebook and go to the webpage that is listed at global warming.
 - Have students browse the web page by looking at pictures, causes, bumper stickers, and the wall for example.
 - Distribute print information about global warming for the students to use to complete the research.

Day Two

Anticipatory Set:

Tell students that they will be posting information about their topics under the "Discussions" tab

- *Each group must write about a different topic and explain as much about it as possible.*
- *Answers should not repeat.*
- *All members of the group should have the opportunity to write on Facebook*
 - Have each student read everyone's responses after posting.
 - In their research groups of three students, have the groups write a response to each initial posting.
 - After all the writing is completed, ask the students to go on Facebook one last time and read everyone's comments.
 - As a whole class, discuss/review each group's contents. Add additional information as needed.

1. Adapted from:

<http://www.learningtogive.org/lessons/unit372/lesson2.html>

Application Being able to make a visual connection to the global warming issue.

Evaluation The students will be evaluated based on the following:
1. Answering each question.
2. Participating in the discussion of the global warming issue.