

Lesson Plan #3

Grade level(s): 9th

Topic:

New solutions for environmental problems

Objective(s):

1. Each team of students will be able to design an appropriate visual presentation of their environmental solution that includes a written explanation, a visual, and a summary of advantages.
2. Each team will come prepared to display, explain, and discuss their solution at an evening science fair for parents and students.

Big6 Skills:

#5 Synthesis

Materials Required:

Tri-fold from lesson plan #2

Cardboard tri-folds

Poster board

Computers

LCD projectors

Screens

Tables

Markers

Easels

Glue

Time Required:

2 class periods in room

1 evening at science fair

Description of activities:

Using the information gathered from the previous lesson plan, students will design a presentation of their environmental solution to be displayed at an evening science fair. The presentation should include an explanation of how the solution works, a visual or model, and a fact sheet explaining the advantages of the solution. The presentation will be assembled during class time and on the afternoon of the evening science fair all displays will be put in place. Team members will attend the science fair so they can answer questions, demonstrate, and/or explain how the solution would help the environment. After the science fair concludes, all displays will be taken to the classroom for evaluation.

Assessment:

Science fair display

Demonstrated ability to explain and defend the team's solution at the science fair

Lesson by:

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