ENvironmental Issues Project

OBJECTIVE: As a team, you will create a lesson that teaches the class about an environmental issue. You will present your lesson using PowerPoint.

PLANNING: As a group, choose your topic. The list below will give you some ideas. Have your topic approved by your teacher before proceeding.

- Saving the Rainforests (or wetlands, or any biome in danger)
- Wildlife Conservation (national parks, reserves, hunting)
- Air Pollution or Water Pollution
- Global Climate Change
- Energy Conservation (alternate fuels, hybrid cars, the "green" movement)
- Waste Management (recycling, landfills, toxic waste etc.)
- Human overpopulation (food & water shortages, habitat destruction)

RESEARCH: Browse sites related to your topic, jot down information you think will be important to include in your final product. You may wish to assign individual group members specific tasks.

As you browse the sites related to your topic, think about the following questions that you will need to include in your final project presentations:

- What is the problem? How do we know there is a problem? (What evidence is there?)
- What causes the problem?
- What are the possible future effects of the problem?
- How will it effect the world?
- What is being done to solve the problem?
- What can an individual do to help? etc.

GRADING: 20 points for PowerPoint presentation & teaching your lesson
20 points for written paragraphs about each slide
15 points for group given individual grades
TOTAL POINTS: 55
PRESENTATION:

SLIDE # 1 Title
Names of group members
Attention Grabber
  - put a thought provoking question here
  - put an image that ties in with your topic

SLIDE # 2 Explain what your environmental issue topic is, what is the problem, and why is it a problem. Include images to help explain your points and to make your slides more interesting.

SLIDE # 3 What are the major causes of your environmental issue and What is the impact of your environmental issues on the ecosystem? for humans? etc.

SLIDE # 4 Are there any possible solutions or ways to combat the environmental problem? Explain what can be done (or what is being done) to solve the problem. You may want to include specific laws and regulations related to your topic here.

SLIDE # 5 What can one individual do to help? Offer advice and tips to the class about how individuals can help to solve the problem or promote awareness.

SLIDE # 6 Resources, work cited.

For each slide 2-5, you must write one well written paragraph explaining each given topic/writing prompt. Each paragraph must be 7-8 sentences in length. Each paragraph must have a topic sentence, supporting details with examples, and a concluding sentence and will be graded accordingly.

<table>
<thead>
<tr>
<th></th>
<th>4 points</th>
<th>3 points</th>
<th>2 points</th>
<th>0 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creativity</td>
<td>Presentation is interesting, class attention is maintained, and interaction is good. Use of creative visuals.</td>
<td>Somewhat interesting and creative. Lacks interaction of class, or class seems disinterested.</td>
<td>Attempts to grab attention, students are not engaged to start with</td>
<td>Does not attempt to open the presentation with some way to spark interest</td>
</tr>
<tr>
<td>Content 1 (Background Info &amp; Research)</td>
<td>Topic is covered thoroughly, presentation shows a firm understanding of the topic and the issues involved.</td>
<td>Topic is covered with a fair amount of accuracy and information. Some gaps in knowledge evident</td>
<td>Topic is not fully covered, some obvious gaps in knowledge of subject or some major errors</td>
<td>Team does not have a good grasp of the topic, facts misrepresented or wrong</td>
</tr>
<tr>
<td>Content 2 (Solutions)</td>
<td>Solutions offered, advice given to class on how to solve the problem.</td>
<td>Solutions offered, though lack of relationship to problem.</td>
<td>Solutions offered, lacking in relationship or feasibility</td>
<td>No solutions offered to solve the problem</td>
</tr>
<tr>
<td>Organization &amp; Syntax</td>
<td>Presentation follows a logical and orderly sequence and remains on topic. Easy to follow and understand. No major errors in grammar, punctuation, or spelling.</td>
<td>Presentation mostly follows a logical sequence, some areas not sequential or are off-topic, some grammar or spelling errors</td>
<td>Presentation does not follow an organized pattern, meanders, or becomes “off topic” but can still be followed by audience.</td>
<td>Presentation is so disorganized, it is impossible to follow</td>
</tr>
<tr>
<td>Images</td>
<td>Images used effectively to explain the topic and issues.</td>
<td>Images used but lack in clarity or relationship to topic</td>
<td>Images are used, though they are sloppy, unclear, and disorganized</td>
<td>Missing from presentation</td>
</tr>
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</table>
GROUP MEMBER EVALUATION
Rank your team members (3 = Always, 2 = Sometimes, 1 = Seldom or Never)
Insert the names of your team members, put your name in the first slot for a self evaluation.

_______________________________________ (Your Name)

ENCOURAGING: being warm and responsive to others; accepting the contribution of others; helping others accomplish goals, offering technological or topic expertise.

COMPROMISING: compromise; admitting error, maintaining group cohesion, allowing others to submit ideas, keeps communication open.

COOPERATING: working well with the group, offering productive ideas and criticisms, doing a fair share of the team's work, staying on task.

LEADERSHIP: exhibits leadership behaviors; has a firm grasp of the topic, feels responsible for group members and group work; has respect for fellow group members.

CONTRIBUTOR: coming to the group with assigned work completed (fact sheet, grades, etc.), had useful information to contribute, took own initiative, was reliable and produced high standard of work/presentation, fulfilled team responsibility.

TOTAL:

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TOTAL:
Individual grade: Your group will grade each other for this part using the Team Evaluation Sheet. Points will be assigned as follows...

20 Points for PowerPoint presentation and teaching your lesson
20 Points for Paragraphs
10 Points for Individual grades given by group