

Algaculture & Biofuels Presentation

Objective:

Students will synthesize information they discovered during the Algae Experiment and present it to a group of peers using oral presentation and visual aids.

Assignment Description: Your group will play the role of scientists who have researched an aspect of algae growth. You have been asked to present your findings to a group of other scientists in your field, as well as government and business leaders at a conference on biofuel production. You will prepare a 5-10 minute oral presentation on your findings using one or more of the following visual aids to supplement (but not replace!) your oral presentation:

- Poster
- Video
- Slides (Power Point, Prezi, etc.)
- Another visual aid you think of, approved by your instructor

Your presentation will be given to the instructor and students in your class, who will play the role of other scientists in your field, government leaders, and business leaders.

Requirements:

- Presentation should take no less than 5 minutes and no more than 10 minutes
- Presentation must utilize at least one approved visual aid which substantially contributes to the presentation (oral presentation refers often to the visual aid, which is relevant to the presentation)
- Visual aid should include explanatory writing (labels, captions, etc.) that must be typed and use appropriate grammar
- Each group member should take an approximately equal part in the oral portion of the presentation
- Presentation should contain the following information:
 - Background information on your experiment
 - Information on how you followed each step of the Scientific Method
 - Your results
 - Your conclusions about algae growth based on the results

Rubric

	Meets Standard (3 pts.)	Partially Meets Standard (2 pts.)	Does Not Meet Standard (1 pt.)	No Attempt (0 pts.)	Score
Time	Between 5 and 10 minutes	1 minute or less over/under time	More than 1 minute over/under	No presentation prepared	
Visual Aid(s)	Visual aid is present and contributes substantially to the presentation	Moderate contribution	Minimal contribution	Visual aid not present	
Writing	Written portions of visual aid are typed and use appropriate grammar	Not typed or inappropriate grammar	Not typed and inappropriate grammar	No written component to visual aid	
Participation	All group members contribute substantially and roughly equally to the oral portion of the presentation	75% of group members contribute orally	50% of group members contribute orally	Less than 50% of group members contribute orally	
Content	All specified information is present	Missing one major piece of information or a few minor pieces of information	Missing more than one major piece of information	Missing more than two major pieces of information	
				Total Score:	/15