

Science Fair Project Saturday 3/3

Objective:

To get younger students excited about science!!!

To share your love and knowledge of biology with the next generation of young scientists.

Project:

Design a hands-on activity, a game, etc. for a specific age group that will be created/played at the science fair. It could include, a board game, a memory game, creating a 3-dimensional object, cutting and pasting, your choice.

Requirements:

1. This is a group project, with no more than 2. No exceptions. You may certainly work alone if you choose.
2. Each group will be assigned a specific age group that you must make sure your project is designed for.
 - a. It should provide a challenge, but be do-able.
 - b. Keep in mind the length of time of your activity.
3. The activity must:
 - a. Be on some topic in evolution that we saw this year at the Harvard Museum of Natural History.
 - b. Have **a clearly stated objective that is visible** to the participants.
 - c. Be low budget. I can make copies, we have plenty of coloring materials, manila paper, tape, glue, but if you need anything else you must OK it with me & I can see what I can do.
 - d. Be approved by me by **2/9**. A document will be in the "Shared Data" folder to put topics and group members.
4. A member of each group will need to be present at the science fair to orchestrate and run the activity.
 - a. If no one in your group can be present then find a sub.
5. Please give me any papers that need to be copied by: **Wednesday 2/21**.
 - a. Your group will need to be organized, everything should be ready to go:
Friday the 2nd.
 - b. You will need to report to the Science Fair @ **8:30 AM Saturday 3/3**.
6. Grading
 - a. A rubric is on a separate page
 - b. This project will count as a test grade.

Science Fair Project
Rubric

	4	3	2	1
Objective (8 points)	Objective is clearly stated, visible, concise & relates to project.	Objective is stated, visible and relates to project.	Objective is included.	Objective is weak or does not relate to activity
Age Appropriate (12 points)	Activity is fitting to age group assigned. Is challenging and requires thoughtfulness for participants.	Activity is fitting to age group assigned. Provides a challenge for the participants	Activity is fitting to age group assigned.	Activity is not fitting to age group assigned or does not provide a challenge to the participants.
Organization (24 points)	Group members were extremely well-prepared on day of science fair. Activity was well thought out and group adapted well to any bumps in the road.	Group was well-prepared on day of science fair. Activities were planned and the group adjusted as needed.	Group was prepared on day of science fair. Activity was planned out.	Group was ill prepared on day of science fair or activity was not planned out in advance.
Creativity (24 points)	Activity held the attention of the participants for the entire duration of activity. Design of activity was refreshing, stimulating and allowed for multiple senses to be used.	Activity held the attention of the child for majority of the time, Design was intriguing and allowed for the sense to be used.	Activity held the attention of the participants for some of the time. Design had some places where some items could have been adjusted.	Activity did not hold the attention of the participants. Design had numerous refinements for a better fitting activity.
Group Participation (12 points)	All group members were present for the ENTIRE time. All group members actively participated in the implementation of the project. All group members were actively engaged with the participants.	All group members were present the majority of the time. All group members participated in the implementation of the project. All group members were engaged in the activity with the participants.	Most group members were at the fair the majority of the time. Most group members participated in orchestrating the activity. Most group members were engaged in the activity.	Group members were at the fair for a limited amount of time or were engaged with the participants for a limited amount of time.

Total = _____