

Natural Resources/Invention Commercial Project



- **The purpose of this project is to be able to inform community members of a cool new invention that you and your group mates have designed in order to limit the use of our earth's natural, limited resources.**
 - **Your task: Plan and design an invention that will help people to use less of the earth's natural (limited) resources. First, decide on a resource that your group would like to focus on. Then, brainstorm ideas for a tool that could help us to conserve that resource. You may research online in order to get an idea of which natural resource you would like to focus on. Remember, the resource you choose to focus on cannot be man-made; it must exist naturally on earth (i.e. water, oil, soil, etc.). Use your imagination and be creative!**
 - **After you have decided on a natural resource with your group, fill in the blanks below.**
1. The limited resource we are designing our invention around is: _____
 2. Our invention will be called _____
 3. It will be useful to people because it will _____

 4. Using the graph paper given to you, design a sketch of your invention. Be sure to label the parts and make your drawing look as realistic as possible, including small details. You may add color by using colored pencils only. Check this box when your drawing is complete and has been checked by your teacher:
 5. Now you will begin designing your commercial! Your job is to be a salesman--You are trying to convince people to buy your invention. First, think of how you want your commercial to be. Do you want it to be funny or serious? Do you want it to be sung like a song? Get creative!!!! Your goal is to grab people's attention. Decide who in your group will do what.
 6. Begin writing your script for your commercial. (You may type your rough draft and make changes as needed using your Gmail account and Google Drive.) This should be a detailed list of who is saying what. (We will look at an example together). Be sure to include everything that will be said! Once it is finalized and has been checked by your teacher, check this box:
 7. Begin practicing your script! Make sure everyone knows when their parts come in. Make sure you know how to pronounce all the words in your speaking parts. Challenge yourself to memorize your parts instead of having to read them. Practice your script as if it were the real commercial--don't be boring, make it fun! Your teacher will be checking in with your group to see how things are going with the script. We will then discuss recording your commercial and "selling your design!"

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Knowledge
Through
Entertainment

SCORING

Your grade will be based on the following rubric. While your group's scores will be the same for most parts of the whole project, each group member will get a certain number of participation/teamwork points based on effort and cooperation.

CATEGORY	4	3	2	1
Use of Time	Used time well during each class period (as shown by observation by teacher, and documentation of progress in packet) with no adult reminders.	Used time well during most class periods (as shown by observation by teacher, and documentation of progress in packet) with no adult reminders.	Used time well (as shown by observation by teacher and documentation of progress in packet), but required adult reminders on one or more occasions to do so.	Used time poorly (as shown by observation by teacher and/or documentation of progress in packet) in spite of several adult reminders to do so.
Cooperation/ Teamwork/ Effort	Worked cooperatively with group all the time with no need for adult intervention.	Worked cooperatively with group most of time but had a few problems that the team resolved themselves.	Worked cooperatively with group most of the time, but had one problem that required adult intervention.	Worked cooperatively with group some of the time, but had several problems that required adult intervention.
Content	All content is in the students' own words and is accurate.	Almost all content is in the students' own words and is accurate.	At least half of the content is in the students' own words and is accurate.	Less than half of the content is in the students' own words and/or is accurate.
Entertainment/ Clarity	Commercial is entertaining and grabs the viewer's attention. The invention presented is realistic, unique, and fits the assigned task	Commercial is somewhat entertaining and grabs the viewer's attention. The invention presented is realistic and/or unique, but does not fit the assignment.	Commercial is not engaging. The invention presented is unrealistic and does not fit the assignment.	Total Score: ___/100