

Product Sustainability Report

Guiding Question: *Everything we come in contact with has taken a specific trip in order to reach us. What has been the environmental cost of each step of this trip?*

Task: Create an investigative report (in groups of a maximum of 4 people), which follows one item from your surroundings (school, home, etc) and the environmental impact its trip has had.

Part 1: Select team members and item/topic

- a) Create your group of a maximum of 4 people. (Remember, good friends are not always good people to work with on a group project...)
- b) Take a bit of time to brainstorm 3 different products you could do your presentation on.
- c) Take a maximum of 10 minutes to research all 3 to make sure that you will be able to find all of the answers you will need. (Make sure that there is actually reliable information out there)
- d) See Mrs.Yaworski to confirm your team mates and topic. Topic selection is on a first come, first serve basis.

Part 2: Research

- a) Fill in the research table.
Below are the required questions that you must find answers to. You are by no means limited to ONLY answer these questions. Remember that the focus of the project is the environment and sustainability.

Part 3: Turn your research findings into a report.

- a) Come up with a creative way to represent your items "trip".
- b) See Mrs.Yaworski to propose your idea of how you will present it.
- c) After getting Mrs.Yaworski's approval, create your final presentation/report.
- d) Keep track of the websites that you are using. Make sure that there are a minimum of 4 reliable sources.
- e) **RE-READ THE RUBRIC TO MAKE SURE THAT YOU ARE FULFILLING THE EXPECTATIONS OF THE ASSIGNMENT.**

Part 4: Submit Project

Using the form on Mrs.Yaworski's website, submit your project.
Make sure to include the full names of all group members.

1. Research the starting point of this item:		/9
What is its initial/main <i>natural</i> resource?	/1	
How is this resource collected?	/2	

What impact do these methods of collection have on the environment? /4	
In what regions of the world is this resource found? /2	
2. Research how this resource is transformed: /11	
What are the steps in the process of how this product is created? /5	
What environmental impact has this transformation had? /4	
Where is this item being made? /2	
3. Research the distribution of this product: /9	
How does this item make it to the store (shipping, transportation)? /2	
How is this item packaged? /3	
How has this step had an impact on the environment? /4	
4. Research what happens with this product when it is disposed of: /11	
How is this item disposed of? /2	
What is the average lifespan of this item/how frequently is it disposed? /2	
What are the environmental effects of the methods of disposal? /4	
Are there different methods of disposal (environmentally conscious or not) /3	

Marking Breakdown/Rubric

Research table	/5	
Information	/40	(the marking breakdown for this is on the actual research table)
Final product/report	/15	
Bibliography	/5	
	/65	

	5 (15)	4 (14-12)	3 (11-8)	2 (6-2)	0-1
Research Table /5	All parts of the research table are complete.	All but 1 section is complete.	2-3 sections are incomplete.	Half the research is complete.	Less than half of the research table is completed.
Final Product /15	The final product is clear, well organized and creative.		The final product lacks organization and creativity.		The final product is incomplete and disorganized.
Bibliography /5	All 4 websites are listed as full URL's. All sites are "reliable"	1 website is not reliable. Only 3 websites provided.	2 websites are not "reliable"	Full URL's are not provided. Websites are listed as "google" or "Wikipedia" Only 2 websites provided.	Bibliography is not included. All sources are not considered "reliable"