

Name: _____ Date: _____ Block: _____

Human Impact Summative Project

Reducing BVW's Environmental Impact

General Biology

Due: Monday/Tuesday, April 23rd/24th
(by 11:59pm on TurnItIn.com)

Objective

Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity at Blue Valley West High School.

Overview

Students are to create a program that will help reduce the environmental impact of BVW students. This project will be presented to other students and staff at BVW as a possible program to be implemented in the school for the following school year. Specific requirements for this project are listed below.

Specific Requirements

Specific requirements for this project are listed below.

1. Students may work individually or in a group of up to three people.
2. Students must create an action plan to **implement** this program, giving specific details of how this program will be started at BVW.
3. Students must explain how this program will be **maintained** by the school or a school group. (Note: No maintenance of the program can be through BVW or BV District staff implementation. This is a student-run program and must be maintained by students throughout the years of its implementation.)
4. Students must explain how the program will help **alleviate the environmental impact** of the school on the environment. Students will provide specific examples of how BVW currently is affecting the environment, as well as how their program will lessen this issue.
5. Students must support their ideas with cited sources that allow for clear distinctions of how their program helps the environment.
6. Students will create this project as a written proposal that clearly shows program funding, implementation, and benefit to the school and its environment.
 - a. Students will submit projects as a Word document to www.TurnItIn.com.

*Because BVW already has a recycling program in place, students cannot create a program for recycling.

Human Impact Summative Project

Student Rubric and Checklist

Introduction: Purpose and Goals of Program (10) Goals and purpose are...	CHECKLIST					Score
	<input type="checkbox"/> Purpose of Program (<i>Why does this program matter? What is the point?</i>) <input type="checkbox"/> Goals of Program (<i>What are the main things your program should accomplish?</i>)					
	10		5		0	
	Fully explained.	Partially OR vaguely explained.	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
Explanation of Program Implementation (15) Plans to implement the program at BVW are ...	CHECKLIST					Score
	<input type="checkbox"/> Logistics (<i>What needs to be done to start your program? What permissions or approval are needed? What groundwork or installation needs to be completed?</i>) <input type="checkbox"/> Involvement (<i>How will you recruit other students, if needed? Who will sponsor your program/group? How do you plan to advertise and spread the word about your program?</i>)					
	15		7.5		0	
	Fully explained.	Partially OR vaguely explained.	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
Explanation of Program Funding (15) Plans to fund this program at BVW show costs and resources that are ...	CHECKLIST					Score
	<input type="checkbox"/> Current Cost Analysis (<i>How much does BVW currently spend? What materials does BVW currently use?</i>) <input type="checkbox"/> Proposed Cost Analysis (<i>What will BVW need to run your program? How much does it cost? Will you have to pay for labor? Will items need to be replaced over the years?</i>) <input type="checkbox"/> Cited Price Lists (<i>Where did you find the items you would have to buy? How much do they cost?</i>)					
	15		7.5		0	
	Fully explained.	Partially OR vaguely explained.	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
Explanation of Program Maintenance (15) Plans to maintain the program at BVW from year to year are ...	CHECKLIST					Score
	<input type="checkbox"/> Maintaining Program (<i>How will the program be run on a daily basis? How will items get fixed when they break or wear down? Who will fix them?</i>) <input type="checkbox"/> Program Growth (<i>How do new students get involved? How will you grow the program or club year after year? How will you gain more attention and more support?</i>)					
	15		7.5		0	
	Fully explained.	Partially OR vaguely explained.	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
	*Does not rely on BVW maintenance	*Does not rely on BVW maintenance				

<p>Evidence of Current BVW Environmental Impact (20)</p> <p>Evidence of current environmental impacts are given and are ...</p>	CHECKLIST					Score
	<p><input type="checkbox"/> Current Issue (<i>What is BVW doing that is negatively impacting the environment? How long has this been going on?</i>)</p> <p><input type="checkbox"/> Evidence (<i>What effect does this have on the environment? What studies show correlations between this behavior and negative environmental impacts?</i>)</p> <p style="text-align: center;">CITE ALL OF YOUR EVIDENCE!</p>					
	20	15	10	5	0	
	Fully explained. *With reliable sources & citations	Partially OR vaguely explained. *With reliable sources & citations	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
<p>Evidence of How Program Reduces BVW Environmental Impact (20)</p> <p>Evidence of the programs environmental impacts are given and are ...</p>	CHECKLIST					Score
	<p><input type="checkbox"/> Timeline (<i>How long will it take the program to positively impact the environment?</i>)</p> <p><input type="checkbox"/> Evidence (<i>What will this change about the effect on the environment? What research shows that this will reverse or alleviate the negative impacts of BVW?</i>)</p> <p style="text-align: center;">CITE ALL OF YOUR EVIDENCE!</p> <p><input type="checkbox"/> Additional Benefits (<i>Will there be any additional benefits with your program/club? Socially? Academically? How will the students be affected by this program or club?</i>)</p> <p><input type="checkbox"/> Defense (<i>How would you defend the importance of the effort or money required to put forward on this project? Is the money required reasonable or unreasonable given the positive impacts?</i>)</p>					
	20	15	10	5	0	
	Fully explained. *With reliable sources & citations	Partially OR vaguely explained. *With reliable sources & citations	Partially AND vaguely explained.	Mentioned, but there is no explanation.	Not mentioned.	
<p>Sources (5)</p> <p>Information collected from another resource (text, images, etc.) is documented for...</p>	CHECKLIST					Score
	<input type="checkbox"/> APA/MLA Citations (<i>What sources were used, including interviews?</i>)					
	5		2.5		0	
	All sources. *All documented in a desired format. (MLA or APA)	Most sources. *All documented in a desired format. (MLA or APA)	Most sources.	Few sources.	No sources.	

Total: _____ /100