

Name _____ Date _____ Period _____

ECOLOGY PROJECT

GOAL:

The goal of this project is to explore an issue related to human impact on the environment.

PARTNERS:

The first three parts of this project are to be completed individually. If the fourth part (the video) is completed with a partner, half of that grade will reflect individual work.

ASSIGNMENTS:

1. Read the article that you have selected. Highlight important phrases or topics. Take notes on a separate sheet of paper as you read.
2. Summarize the article in a 2-3 page paper. Specifications are 1" margins, 12-point font, double-spaced. Include the article's title and author centered at the top of the first page. Quotes taken directly from the article must be placed in quotation marks and only used sparingly. Each paragraph must contain at least one citation in this format: (author's last name, page #). The paper must describe an ecological problem caused by humans and should answer the questions *who*, *what*, *when*, *where*, *why*, and *how*. Be specific in your writing, but do not exceed 3 pages. **YOU MUST WRITE IN YOUR OWN WORDS EXCEPT FOR WHEN YOU USE QUOTATION MARKS. FAILURE TO WRITE IN YOUR OWN WORDS WILL BE CONSIDERED *PLAGIARISM!***
3. Create an informative brochure that tells the public about this ecological problem. Describe the environment both *before* and *after* the problem. Describe how humans caused the problem. Describe how humans can fix the problem and prevent other similar situations in the future. This brochure should answer the questions *who*, *what*, *when*, *where*, *why*, and *how*. Include details, facts, statistics, etc. that will inform the public. This brochure will be graded for content and creativity. Colorful pictures, charts, diagrams, and tables are necessary components. The brochure must consist of 3-5 pieces of paper folded in half and formed into a small booklet. **YOU MAY PRINT OUT PICTURES/CHARTS FROM WEB SITES BUT YOU MUST EXPLAIN THEM IN YOUR OWN WORDS. FAILURE TO WRITE CAPTIONS AND/OR DESCRIPTIONS IN YOUR OWN WORDS WILL BE CONSIDERED *PLAGIARISM!***

4. Create a brief PowerPoint presentation that can be used to inform the public about this ecological problem. The PowerPoint document is to serve as an outline for a presentation. Describe the main issues presented in the article. Research and include color photos, charts, diagrams, and tables. This document must answer the questions *who*, *what*, *when*, *where*, *why*, and *how*. In order to maintain simplicity in this part of your project, a strict limit of 14 words per slide will be permitted. The PowerPoint presentation must contain between 13 and 18 slides - no more, no less. Points will be taken off for each additional word and/or each additional slide. Print this file as a “handout” with 6 slides per page.

5. Create a news-style broadcast in which you inform the public about this ecological problem. You will act as news anchors, and create a 5-10 minute exposé on the topic described in your article. You should research photographs, videos, etc. to liven up your news report. You are *not* to perform your own local investigations of environmental problems. This news broadcast must answer the questions *who*, *what*, *when*, *where*, *why*, and *how*. Another goal is to persuade the public that this problem is real. Include facts, statistics, and other trivia that will capture the viewer’s attention. This video will be graded for content and creativity. You should write a script for this video before you attempt to tape the broadcast. You should interview a sibling, parent, or friend as an “expert” in the field. Make sure to properly edit the video by including transitions, titles, etc. Submit the video via flash drive, DropBox, or YouTube (private video). If you are unable to create a video, you may present your news broadcast in class. Although you will not lose any credit for presenting in class, you *must* inform me of this at least 2 weeks prior to the due date. **NO EXCEPTIONS WILL BE MADE LESS THAN TWO WEEKS PRIOR TO THE DUE DATE. IF YOU ARE DOING THE VIDEO WITH ONE OR MORE PARTNERS, YOU SHOULD SELECT STUDENTS WHO WILL WORK HARD AND TAKE THE PROJECT SERIOUSLY.**

GRADES & DUE DATES:

ASSIGNMENT	DUE DATE	POINTS
Summary		40 points
Brochure		60 points
PowerPoint		40 points
Video		60 points

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PART A: ARTICLE SUMMARY

Component	Individual Points	Point Value
formatting		4
quotes		4
citations		4
flow, transitions, introduction, conclusion		4
grammar, punctuation, spelling		4
written in own words		4
summarizes ecological problem		8
answers <i>who, what, when, where, why, and how</i>		8
TOTAL		40

COMMENTS

PART B: BROCHURE

Component	Individual Points	Point Value
formatting, grammar, punctuation, spelling		5
summarizes ecological problem		5
provides solutions to the ecological problem		10
answers <i>who, what, when, where, why, and how</i>		10
pictures, diagrams, charts, tables, etc.		10
colorful and attractive		10
informative and persuasive		10
TOTAL		60

COMMENTS

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 Title of Article _____

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PART C: POWERPOINT PRESENTATION

Component	Individual Points	Point Value
contains 12-18 slides		4
maximum 14 words per slide		4
flow, transitions, introduction, conclusion		4
grammar, punctuation, spelling		4
written in own words		4
summarizes ecological problem		4
pictures, graphs, charts, etc.		8
answers <i>who, what, when, where, why, and how</i>		8
TOTAL		40

COMMENTS

PART D: VIDEO

Component	Group Points	Individual Points	Point Value
pictures, interviews, etc. used to supplement			5
proper grammar was used			5
captures the viewer's attention			10
broadcasters were knowledgeable about the topic			10
provides solutions to the ecological problem			10
answers <i>who, what, when, where, why, and how</i>			10
informative and persuasive			10
TOTAL			60

COMMENTS
