Name _____ Date _____ Period _____

ECOLOGY PROJECT

<u>GOAL</u>:

The goal of this project is to explore an issue related to human impact on the environment. Students will present the same general information in four different ways.

<u>ARTICLE</u>:

Read the article that you have selected. Highlight important phrases or topics. Take notes on a separate sheet of paper as you read.

<u>PART 1 – SUMMARY</u>:

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. Each paragraph of your summary should include 1 quote with citation in the following 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 <u>**PLAGIARISM**</u>!

<u>PART 2 – BROCHURE</u>:

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 <u>**PLAGIARISM**</u>!

PART 3 – GOOGLE SLIDES:

Create a brief Google Slides presentation that can be used to inform the public about this ecological problem. The 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. The slideshow 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 Google Slides 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.

PART 4 – NEWS BROADCAST VIDEO:

Create a news-style broadcast in which you inform the public about this ecological problem. You will act as a news anchor and create a 5 minute exposé on the topic described in your article. 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. You should research photographs, videos, etc. to liven up your news report. 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 Google Classroom. Do not delete any of your project files until you confirm that your teacher is able to watch your video. You are allowed to work on the video by yourself or with one or more partners. If working with students, each person's video segment must be 5 minutes long. Make sure to select partners 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

Name _____ Date _____ Period _____
Title of Article _____

ECOLOGY PROJECT

PART 1 − ARTICLE SUMMARY

Component	Individual Points	Point Value
formatting as described in the directions		4
minimum of 4 appropriate quotes		4
minimum of 4 relevant citations		4
flow, transitions, introduction, conclusion		4
grammar, punctuation, spelling		4
written in own words		4
summarizes ecological problem		8
answers *who, what, when, where, why,* and *how*		8
TOTAL		40

COMMENTS

PART 2 − BROCHURE

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

COMMENTS

Name _____ Date _____ Period _____
Title of Article _____

ECOLOGY PROJECT

PART 3 – GOOGLE SLIDES

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, diagrams, graphs, charts, etc.		8
answers *who*, *what*, *when*, *where*, *why*, and *how*		8
TOTAL		40

COMMENTS

PART 4 – NEWS BROADCAST VIDEO

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

COMMENTS