

Name _____

Project Topic _____

Marine Science Rubric: Ocean Awareness Project

Use this rubric as a "checklist" to make sure that you are completing all components of your project.

Score: _____ / 64

Component (x weight)	You Got This! (4)	Getting There... (3)	Needs Work. (2)	Where Is It? (1)
Research (x2)	<input type="checkbox"/> Research is annotated thoroughly with questions, connections, thoughts <input type="checkbox"/> At least <u>five</u> scientifically reputable sources are used	<input type="checkbox"/> Research is well annotated but may not be thorough <input type="checkbox"/> Only <u>four</u> reputable sources are used	<input type="checkbox"/> Research is annotated but shows little evidence of "working with" the notes <input type="checkbox"/> Less than four reputable sources are used	<input type="checkbox"/> This component is incomplete or inaccurate.
References (x1)	<input type="checkbox"/> Sources are cited as a separate list at the end of the research notes <input type="checkbox"/> References are all in APA format	<input type="checkbox"/> Sources are cited, but not as a separate list at the end of the research notes <input type="checkbox"/> References are mostly in APA format	<input type="checkbox"/> Sources are cited, but not as a list and may be disorganized <input type="checkbox"/> References are not in APA format	<input type="checkbox"/> This component is incomplete or inaccurate.
Work Ethic & Effort (x3)	<input type="checkbox"/> Student is focused and on task at all times <input type="checkbox"/> Student seeks feedback and advice on an ongoing basis by presenting their thoughts and work	<input type="checkbox"/> Student is focused and on task most of the time <input type="checkbox"/> Student seeks feedback and advice on an ongoing but is only asking things like, "can you look at this?"	<input type="checkbox"/> Student is often not focused or is off-task, or student is absent from class <input type="checkbox"/> Student does little to seek feedback or advice	<input type="checkbox"/> This component is incomplete or inaccurate.
Use of Evidence (x4)	<input type="checkbox"/> A claim is clearly and succinctly made regarding one ocean-related issue <input type="checkbox"/> Several pieces of evidence are used to justify the claim <input type="checkbox"/> The evidence is relevant to the claim <input type="checkbox"/> The evidence is scientifically accurate	<input type="checkbox"/> <u>All but one</u> of the "You Got This!" indicators are present	<input type="checkbox"/> <u>All but two</u> of the "You Got This!" indicators are present	<input type="checkbox"/> This component is incomplete or inaccurate.
Explanation of Issue (x3)	<input type="checkbox"/> Describes how human activities may be negatively contributing to the issue <input type="checkbox"/> Explanations are very detailed, but easy to understand <input type="checkbox"/> Alternate viewpoints are considered	<input type="checkbox"/> <u>All but one</u> of the "You Got This!" indicators are present	<input type="checkbox"/> <u>All but two</u> of the "You Got This!" indicators are present	<input type="checkbox"/> This component is incomplete or inaccurate.
Proposal for Solutions (x3)	<input type="checkbox"/> Explains the importance of solving the problem <input type="checkbox"/> Describes the implications of not solving the problem <input type="checkbox"/> Includes information on any ways in which people are attempting to or could attempt to solve these issue	<input type="checkbox"/> <u>All but one</u> of the "You Got This!" indicators are present	<input type="checkbox"/> <u>All but two</u> of the "You Got This!" indicators are present	<input type="checkbox"/> This component is incomplete or inaccurate.

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**Marine Science Project:
Ocean Awareness**

The objective of this project is to choose an issue regarding the ocean that interests you, to research that topic, and to propose possible solutions to the issue.

What you will do:

- **Choose a topic** that interests you. The topic must be an issue that is affecting the ocean or ocean life.
- **Research** that topic using scientifically reputable sources.
- **Annotate** your research notes. You cannot simply be writing down notes from your sources. That is only the first step. You must show me that you have worked with those notes: questioned the information, commented on it, gained clarification on unfamiliar terms and concepts, and organized your thoughts. Annotation is writing and reflects your thought process as you try to gain a deeper understanding of your topic. *You must submit your annotated notes.*
- **Maintain focus** and remain on task at all times as you work in class.
- **Make a claim** regarding your topic (example: *Coral reefs can recover if cities make a major shift towards green technology*).
- **Use evidence** to support your claim. The evidence should be backed up by several sources.
- **Describe human impacts** on the issue. How is the issue been caused, made worse, or otherwise impacted by human activities?
- **Propose solutions.** How are people addressing the problem today, and what other things might we need to or want to do to help solve the problem.

You will be giving a 2-minute presentation of your project to the class after it is completed.