

POWER POINT PROJECT: Oceans and Estuaries

You will be responsible for answering the following Essential Question and Slide guidelines. ***Doing just what is on this sheet will get you the grade of a C.*** Each additional piece of information, any images (that make sense to your purpose), and well-created slides will add further points to your grade for the chance to earn an A.

EQ: 8.E.1.2 Summarize evidence that Earth's oceans are a reservoir of nutrients, minerals, dissolved gases, and life forms:

General guidelines:

- Your slides must have a background. All slides must share this background.
- All slides must contain at least 1 image (except for your citation slide).
- Slides must be easy to read (no light fonts on light backgrounds).
- Correct grammar must be used in your slides.
- All information used to make your slides must be cited on the citation slide.
- For each additional piece of information, connection made, or added vocabulary and concepts will be granted the following additional points:

+3 points for each slide making a reasonable and well-explained connection to the content and to our state.

+5 points for a slide that has 3-4 state organizations you can contact about additional resources or opportunities to volunteer to help preserve our ocean, river, and estuary environments here in NC. **Include a sentence summary of what each one is about.**

+1 per added images that pertain to the information provided (up to 5 points)

+3 points for a slide that discusses well how pollution has affected **NC's oceans and/or rivers.**

+3 points for a slide that discusses how pollution has affected NC's **estuaries**, both environmentally and economically.

+3 points for a video clip (or link to a video) that **EXPLAINS** what you are discussing in a particular slide. **Include with the video clip a 3-5 sentence summary about the clip.**

Slide	Information	Content
FIRST	Introduction (3 points)	<ul style="list-style-type: none"> Title: Marine Ecosystems You and your partner's names Class period Due Date (12/2/16)
2 ND	The Essential Question (10 points)	<ul style="list-style-type: none"> Display the essential question above Include your own rewording of this question that is 8th Grade Friendly.
...	OCEANS (20 points)	<ul style="list-style-type: none"> What is an ocean? How many are there? What Ocean borders NC? Name 3 food resources we get from our ocean. Name 3 minerals, and explain how we use them, what we use them for, from the ocean.
...	UPWELLING (10 points)	<ul style="list-style-type: none"> What is an upwelling? Explain how upwelling's work. Why are upwelling's important to an ocean ecosystem? What do they do?
...	ESTUARY (12 points)	<ul style="list-style-type: none"> What is an estuary? What do oceans and rivers have to do with estuaries? How does the environment benefit from having estuaries? Name two resources we get from estuaries.
...	TECHNOLOGY (10 points)	<ul style="list-style-type: none"> Pick 1 type of technology we use to currently explore the ocean with. Explain how it works. Explain 1 benefit/ discovery we have gained from this technology.
...	AQUATIC ECOSYSTEMS (8 points)	<ul style="list-style-type: none"> How do these ecosystems (oceans, estuaries and rivers) work together? How does oxygen gas act differently in salt water (oceans) than fresh water (rivers)?
LAST	CITATIONS (6 points)	<ul style="list-style-type: none"> Cite where any information came from. Make sure to identify which slide that source was used to make).