



Oceanography

2020-2021



Mrs. Berger

ELECTIVE CLASS – THIS IS FUN – LEARN ABOUT OUR OCEANS!

<https://www.nationalgeographic.org/media/ocean-exploration/>
<https://www.youtube.com/watch?v=MfWyzrkFkg8>

Quizzes every 2-3 chapters

Test every Quarter

Project every Quarter

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Text: Essentials of Oceanography by Trujillo & Thurman, 8th edition

Workbook – notes from chapter power point

LABS – hands on labs as well as simulations/web activities/videos

1st Quarter:

- Introduction to Marine Science & Planet Earth
- Plate Tectonics and the Ocean Floor
- Marine Provinces
- Marine Sediments

2nd Quarter:

- Water and Sea Water
- Air-Sea Interaction
- Ocean Circulation - Currents
- Aquarium – set up/Water Quality/
- organism care (continues 3rd Qtr.)

3rd Quarter:

- Waves & Water Dynamics & Tides
- Coasts, Beaches and Shoreline Processes
- The Coastal Ocean
- Marine Life and Marine Environments

4th Quarter:

- Biological Productivity & Energy Transfer
- Marine Animals
- Museum Display Project
- Ocean Conservation