

Lessons Learned from the Ocean



*Summer 2020
Joanie Craddock*

Webinars



- *Deep Ocean Discovery - Octopus and Squids*
 - *Michael Vecchione from Smithsonian Science*
- *Hollywood Sharks vs. Real Sharks*
 - *Doug Perrine, World Famous Marine Photographer*
- *Take a Deep Dive into the Ocean Portal Website*
 - *Emily Frost, Smithsonian Museum of Natural History*

The Ocean in the News

- *“This newly discovered sea cockroach is the stuff of nightmares”*
- *“How Humans are Altering the Tides of the Oceans”*
- *“The UKs First Ocean Curriculum Launches in Primary Schools”*
- *“What’s at the Bottom of the Sea?”*
- *“AI Models Help Predict Large Tropical Waves and Ocean Currents”*
- *“Why This Year is our Last Big Chance to Save the Ocean”*



Offshore Wind Farms

- *Much greener than fossil fuels*
- *So many improvements!*
- *Still work to be done*



Annotated Resource List

This list has 6th grade Science Resources for each Ocean Principle

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| 1 | The Earth has one big ocean with many features. |
| 2 | The ocean and life in the ocean shape the features of Earth. |
| 3 | The ocean is a major influence on weather and climate. |
| 4 | The ocean makes Earth habitable. |
| 5 | The ocean supports a great diversity of life and ecosystems. |
| 6 | The ocean and humans are inextricably interconnected. |
| 7 | The ocean is largely unexplored. |

Other Highlights

- *Turtle Extruder Devices*
- *UN Decade of the Ocean 2021-2030*
- *Buoy Data*
- *Trash Boat*
- *Electromagnetic Spectrum underwater*

