

Nissi Joykutty  
Grade: 9th-12th  
Subject Areas: Anatomy & Physiology

### **Tracking Marine Animals Annotated Resource List**

- **Ocean Literacy Principle #1: The Earth has one big ocean with many features.**
  - <https://www.youtube.com/watch?v=NYLymbj7Li0>
    - This link shows how ocean waves move water and oil from an oil spill no matter the location.
  - [www.cosee.net/best\\_activities/activity/Causes\\_and\\_Effects\\_of\\_Melting\\_Ice.pdf](http://www.cosee.net/best_activities/activity/Causes_and_Effects_of_Melting_Ice.pdf)
    - This activity shows the cause and effect of melting ice.
  - [www.cameronparkzoo.com/wp-content/uploads/2011/05/WOD\\_2011\\_Ac\\_Facts.pdf](http://www.cameronparkzoo.com/wp-content/uploads/2011/05/WOD_2011_Ac_Facts.pdf)
    - This link has different flash cards that include examples of each principle.
- **Ocean Literacy Principle #3: The ocean is a major influence on weather and climate.**
  - <https://www.youtube.com/watch?v=6vgvTeuoDWY>
    - This video gives an example of how the ocean affects the weather
  - <https://www.youtube.com/watch?v=WH8K2cFTc1c>
    - This video shows how the ocean helps create dangerous hurricanes.
  - <http://oceanmotion.org/html/background/climate.htm>
    - This link talks about the ocean's life and the heat it absorbs.
- **Ocean Literacy Principle #5: The ocean supports a great diversity of life and ecosystems.**
  - [www.aroundtheamericas.org/log/wp-content/uploads/2010/02/Teachers\\_GuideLess-1-CoralCO2Calcification.pdf](http://www.aroundtheamericas.org/log/wp-content/uploads/2010/02/Teachers_GuideLess-1-CoralCO2Calcification.pdf)

- This activity shows how coral use carbon dioxide and calcification to survive.
  - <https://www.youtube.com/watch?v=rTR6gGDWcJk>
    - This video talks about hydrothermal vents and how it supports life.
  - <https://www.nationalgeographic.org/media/why-ocean-matters/>
    - This link shows a video of how the ocean sustains life and why it matters.
  
- **Ocean Literacy Principle #6: The ocean and humans are inextricably interconnected.**
  - <https://www.youtube.com/watch?v=HQTUWK7CM-Y>
    - The video shows how we can keep plastic out of oceans.
  - <https://oceanservice.noaa.gov/facts/why-care-about-ocean.html>
    - This link shows that the ocean produces over half the world's oxygen and helps absorb carbon dioxide.
  - <https://www.youtube.com/watch?v=FjT8GG0ETQg>
    - This video shows that if we continue to pollute the ocean, the same things we will end up eating when eating seafood.
  
- **[Ocean Literacy Principle #7: The ocean is largely unexplored.](#)**
  - <https://www.livescience.com/14493-ocean-exploration-deep-sea-diving.html>
    - This article explains the mysteries the ocean still holds and why it should be explored
  - <https://www.foxnews.com/science/scientists-find-3-bizarre-new-sea-creatures-in-pitch-black-part-of-pacific-ocean>

- This link here shows three new sea creatures that were recently discovered.
- <https://science.nasa.gov/earth-science/oceanography/ocean-exploration>
  - This article explains the struggles with exploring the deep oceans but that attempts are being made.