



## SfS Away from the Classroom!

### ES01: Oil Spill (Recommended for Grades 3-8)

Please use the following resources to learn about Oil Spills

Watch this Video: <https://oceanoday.noaa.gov/oilintheocean>

**Answer these questions:**

- What are some dangers of Oil Spills?
- Name one unusual material clean up crews used to tackle the Mississippi oil spill in the video?
- What's the biggest source of oil pollution in the ocean each year?

**Activity:** Follow these directions to compare different methods to remove spilled oil from water.

You will need:

<ul style="list-style-type: none"><li>• Cookie tray</li><li>• 3 bowls</li><li>• Food coloring (3 colors)</li><li>• Cotton balls/ paper towels</li></ul>	<ul style="list-style-type: none"><li>• Vegetable oil (or hair conditioner)</li><li>• Spoons</li><li>• Water</li></ul>	<ul style="list-style-type: none"><li>• Popsicle stick (or other stirring tools)</li><li>• Dish soap</li></ul>
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<https://www.youtube.com/watch?v=RhXwJtm4Jg0>

**Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** The best method to clean up Oil Spills is \_\_\_\_\_
  - **Evidence:**
  
  - **Reasoning:**
2. **Claim:** Current methods (skimmers, absorbents, dispersants) to clean up Oil Spills have pollution problems associated with them.
  - **Evidence:**
  
  - **Reasoning:**