

## Derricks to Desks Lesson Plan

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# Got Oil?

### Concept

Petroleum has been naturally occurring for a long time. Oil is important in our daily lives.

### Objective

Students will be able to describe many of the products made out of petroleum by evaluating the many uses that oil provides.

### Materials

1. A worksheet labeling products made by oil
2. A video, *Skyscrapers on the Sea*, by Venoco, Inc.
3. Cake mix, baking cups chocolate chips, straws

### Procedure

- Ask students what they know about oil, and write down for reviewing later
- Give students a list of products to circle for which ones are made from petroleum
- Introduce vocabulary words; natural resource, fossils, geology, organic, petroleum, refineries, crude oil
- Use the 5Ws format for delivering information about oil to students:
  1. Where- It's found underground, offshore and onshore.
  2. When- It's naturally occurring from decayed animals and plants
  3. Why- It provides people a way of living, a lifestyle
  4. What- Review the worksheet to show students that all the products are made from oil
  5. Who- People work at refineries to refine the oil to ship, truck, or pipe to plants for processing
  6. Students watch the video for understanding of oil production and operation

### Activity

Students will have their own cupcake and straw to try to dig for the "Black Gold". This will give them an opportunity to appreciate the value of oil.

### Evaluate

Have student write a paragraph of the product(s) they would miss if we didn't have oil.