

Lesson Plan

Initiate:

Display several different kinds of objects made from petroleum on the table. Items such as plastic toy or container, oil, lubricants, coca-cola, lipstick, CD's, food storage bags, diapers, pantyhose, shampoo, shave cream, telephone, toothpaste, vitamins, and antihistamines. Ask students to identify something in common in all of these items. Once they have struggled awhile ask them to identify which things are made of oil?

Input:

Discuss how all of the items on the table are made of petrochemicals that come from oil. Then ask "Where does oil come from?" Accept a few possible answers and then explain how oil is made in the Earth from tiny oceanic plants and animals(hydrocarbons) that died and laid on the ground. Then over time was covered up with sand and pressure, heat and time turned these creatures into different forms of rock and finally oil. Then show short video clip from "The First 100 Years" DVD on history of oil in Kern county.

Guided Learning:

Hand out worksheets of the oil underground diagrams for students to label and color.

Assessment:

Have students complete a quick write on what life on Earth would be like without oil.

Objective:

Students will name the causes of oil and identify where oil is found.