

Comparing and Contrasting Daily Oil Production

A Graphing Follow Up

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Derricks to Desks Lesson Plan involving Technology, Mathematics, and the Language Arts for 6th grade.

Objectives:

1. The students will access the internet and research the top five oil producing countries of the world.
2. Using the data, students will gather information for each country as well as for California, and Kern County to compare and contrast daily oil production.
3. Students will present the data in line graph, bar graph, and pie chart form as well as written and oral form.

Use this exercise as a follow-up to our graphing unit and as a continuum of technology and oral presentation. Students will be divided into teams for the activity and taken to the computer lab. Each team will gather the required data to present to the class in the prescribed manner. For a more varied presentation, the teacher may assign different years for comparison and contrast or different time frames in general. Allow five days total for research, graphing, and finally presenting the information. Attach the following web sites as a tool.

Web Site Guide

American Petroleum Institute www.api.com

Chevron/Texaco www.chevrontexaco.com

Exxon/Mobil www.exxonmobil.com

NEED Project www.need.org

Occidental Petroleum Corp. www.oxy.com

Office of Transportation Technologies <http://www.eere.energy.gov/vehiclesandfuels/>

Shell Oil www.shellus.com

Society of Petroleum Engineers www.sjvspe.org

Venoco Inc. www.venocoinc.com

Western States petroleum Association www.wspa.org