

Careers

Objective:

Through reading, research, discussion, interview, and analysis the student will prepare a short (1 to 3 page) report about career opportunities in the petroleum industry.

Curriculum Areas:

Reading, Language Arts, Science and Social Studies

Materials:

Pictures of oilfield operations, pictures of oilfield equipment, examples of oilfield bi-products, examples of oilfield work apparel, examples of data generated from operations, examples of data from exploration, and employment applications from at least 2 oil producers or oilfield contractors. Booklets, pamphlets, pictures, and objects from "Derricks to Desks" seminar.

Introduction:

1. Display for students various products and bi-products of oilfield operations - include tar, oil sand, crude oil sample, and a core from the drilling operation.
2. Display for students the apparel for oilfield workers, data generated for operations and exploration, and applications for employment.
3. Display for students the materials provided by "Derricks to Desks".

Discussion:

1. Allow students to look at and examine (handle and touch) the objects for the introduction.
2. Share ideas and comments of the students and place on a group paper on a bulletin board.
3. Ask students what they know about jobs related to the petroleum industry and record responses similarly to two above.
4. Share some of the information contained in the printed literature from "Derricks to Desks".
5. Discuss with students other resources the school has available to research the subject.
6. Allow students class time to research in the library through books, periodicals and the Internet.

Follow-up:

Provide guest speakers from the oil industry to come in explain and discuss with the students what opportunities are available and what the criteria for employment is in each job related to the petroleum industry. Be certain to include jobs that do not require college degrees. Discuss beforehand with at least one speaker that the speaker needs to include the entry-level requirements and attributes of a good employee.

Product:

Students' work should be displayed in the central office and the front office of the school. Products must include a written report on their research and could include photographs, models, video presentations, and more.