

Careers

Objective:

The students will gain knowledge of careers in the oil and gas industries. They will also learn what training they need and where to get that training in order to secure those positions in the oil industry. Students will research on the Internet various components and career opportunities in the petroleum industry, create and power point and present it to the class. Students will use various skills as: reading, research, discussion, interview, and analysis.

Curriculum Areas:

Business, Computers, Reading, Language Arts

Materials:

Booklets, pamphlets, pictures, and objects from "Derricks to Desks" seminar. Computers, Internet, other as needed. I.e.: 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.

Introduction:

1. Introduce skills needed for researching on the Internet for assignment.
2. Review skills needed for creating a PowerPoint presentation i.e. formatting.
3. Have students brainstorm and speculate what types of jobs they will find for this field and write them down on paper.
4. Have class discussion on what jobs they think are available in the oil industry. The instructor writes those jobs on the whiteboard.
5. Ask the students where they think people gain the skills needed for those jobs.
6. Ask the students how much money people get paid for those jobs.
7. Ask students if they have any family members that work in the oil industry.
8. Display for students the materials provided by "Derricks to Desks".
9. Discuss the career project assignment

Procedure:

1. Students will work in teams of two to research assignment and create a power point that they will present to the class on the types of jobs that are available for this field.
2. Students will research on the various types of careers that are available in the petroleum industry. Students must include positions that require a specialized skill or trade with no college education, some college education, and a specialized degree. There is a minimum of 5 slides that is required for this portion of the presentation.
3. After listing the types of positions available, students must choose two career options they think they may be interested in knowing more about. When they have chosen these two they will write their choice on the board in the designated area. Everyone must have a unique career choice to ensure that there are multiple careers expanded upon.
4. In their PowerPoint, students must include a description of their career choices, pictures, outlines, skills needed, education, salary, job skill requirements, companies that offer these jobs, and any other minimum requirements for obtaining this job along with the reasons why they chose the job. Since each person in the group has a choice of career, each person must present the career he chose in the research stage of this project.
5. Information will be shared from the information contained in the printed literature at the Derricks to Desks Seminar.
4. Discuss with students other resources the school has available to research the subject.
5. Allow students class time to research in the library through books, periodicals and the Internet.

Review:

After the power point presentation have been completed review and discuss as a class what they have learned about careers in the oil industry.

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.

Evaluation: (see next page):



PowerPoint Presentations

Your Presentation must have the following:

- | | |
|---|-------------------|
| • A minimum of 15 slides (including title and sources) | 25 points |
| • Animation on each slide in your presentation | 5 points |
| • Sounds/music or explanation through your show | 5 points |
| • Automatic slide show with appropriate timings | 5 points |
| • Appropriate animation order | 5 points |
| • Slide transitions | 5 points |
| • Clearly displays careers, descriptions, salaries, education | 60 points |
| • Your presentation is easily understood | 10 points |
| • Spelling/grammar good | 10 points |
| • Both people shared in presentation of PowerPoint | 10 points |
| • Appropriate Voice Level | 10 points |
| | <u>200 points</u> |
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6. Students will work in teams of two to research assignment and create a power point that will be presented to the class on the types of jobs that are available for this field.
 7. Students will research on the various types of careers that are available in the petroleum industry. Students must included positions that require a specialized skill or trade with no college education, some college education, and a specialized degree. There is a minimum of 5 slides that is required for this portion of the presentation.
 8. After listing the types of positions available, students must choose two career options they are interested in knowing more about. When you have chosen there two you will write your choice on the board in the designated area. Everyone must have a unique career choose to ensure that there are multiple careers expanded upon.
 9. PowerPoint must include a description of their career choices, pictures, outlines, skills needed, education, salary, job skill requirements, companies that offer these jobs, and any other minimum requirements for obtaining this job along with the reasons why they chose the job. Since each person in the group has a choice of career, each person must present the career he chose in the research stage of this project.

PowerPoint Presentations Evaluation Form

Your Name _____ Presenter's Name _____

Topic _____

Directions: Place your score for the criteria in the blank next to the criteria

Title Page (5 pts) _____
(Title, Name, Period)

Reference Page (10 points) _____
(Sources, Bibliography, Citation)

5 slides listing possible careers (15
pts.) _____

Colors/Text size (5 pts) _____

Displays description of careers (20 pts) _____

Presentation is easy to understand (15 pts)

Displays salaries of careers (20 pts) _____

Appropriate number of slides (10 pts) _____

Displays education of careers (20 pts) _____

Both people presented (10 pts) _____

Slide Transition (5 pts) _____

Voice Level during presentation (10 pts)

Animation on each slide (5 pts) _____

Spelling/Grammar (10 pts) _____

Appropriate Animation Order (10 pts) _____

Sound (10 pts) _____

Total Score _____