



Title: Careers in Oil and Natural Gas	
Author: Kathy Rusert Acorn High School Mena, AR	
Course: Science, Careers	Duration: One to two—45 minute class periods
Grade Level: 8	
Objective: Students will learn about jobs in the Oil and Natural Gas Industry.	
Summary of Lesson: Students will use the internet to learn about careers in Oil and Natural gas. Students will choose a career from the list provided to research and create a “foldable”* to share with the class. *“Foldables” are basically 3 D graphic organizers.	
Standards: CCSS, Arkansas State Frameworks, Next Generation Science Standards, Other	
Code:	Standard:
ESS.8.8.11 (may want to link Careers from other areas, as well)	Investigate careers related to changes in the Earth.
Teacher Excellence and Support System: Managing Classroom Procedures, Managing Student Behavior, Engaging Students in Learning	
Instructional Strategies and Practices: Identifying Similarities and Differences, Practice, Setting Objectives and Providing Feedback, Game, Technology	
Bloom’s Level: <i>(Highest Level Only)</i> Analyzing	
Materials and Resources: <ul style="list-style-type: none"> • Lab Sheet • computer or iPad 	
Formative Assessment: Teacher monitoring Rubric to assess presentation	



Teaching Notes:

Other classroom references may be used to expand the list of careers that can be researched.

**Careers in Oil and Natural Gas
Presentation Rubric**

Process	Below Avg.	Satisfactory	Excellent
1. Has clear vision of final product	1, 2, 3	4, 5, 6	7, 8, 9
2. Properly organized to complete project	1, 2, 3	4, 5, 6	7, 8, 9
3. Managed time wisely	1, 2, 3	4, 5, 6	7, 8, 9
4. Acquired needed knowledge base	1, 2, 3	4, 5, 6	7, 8, 9
5. Communicated efforts with teacher	1, 2, 3	4, 5, 6	7, 8, 9
Product (Project)	Below Avg.	Satisfactory	Excellent
1. Format	1, 2, 3	4, 5, 6	7, 8, 9
2. Mechanics of speaking/writing	1, 2, 3	4, 5, 6	7, 8, 9
3. Organization and structure	1, 2, 3	4, 5, 6	7, 8, 9
4. Creativity	1, 2, 3	4, 5, 6	7, 8, 9
5. Demonstrates knowledge	1, 2, 3	4, 5, 6	7, 8, 9, 10
6. Other:	1, 2, 3	4, 5, 6	7, 8, 9

Total Score: _____

Teacher(s) Comments:

Student Activity:

- Using the computer or iPod, students will complete the Lab Sheet included in the Student Handout
- Student will create a “foldable” representing the information collected and will share this with the class

See Student Handout