



Student Name \_\_\_\_\_

School Name and City \_\_\_\_\_, \_\_\_\_\_

## Pre-Event Assignment

(Credit for 1 workshop will be given for completing this assignment)

**Advisors:** 1. Confirm completion of each section. 2. Sign your initials in the PRE-EVENT column of the student sign-up sheet.

**Students:** Complete *BEFORE* the trip and submit to your advisor to receive credit for the pre-event assignments.

### I. WEBQUEST: How Does Oil and Gas Affect You?

**INSTRUCTIONS:** Visit the following site and read through how Oil Prices Affect You (15 minutes) - <http://www.investopedia.com/financial-edge/0311/6-surprising-ways-oil-prices-affect-you.aspx>

1. Use this site to start an investigation into other uses for oil and gas besides energy.
2. Other sites to use can include, but not limited to:
  - <http://www.ranken-energy.com/Products%20from%20Petroleum.htm>
  - <https://oilandgasinfo.ca/products/>
3. Each student is to detail out (3) additional uses for Oil besides energy. They are to describe the additional use, how it is created, and how it affects them.

ADDITIONAL OIL USE:	HOW IS IT CREATED?	HOW DOES IT AFFECT YOU?



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## II. WEBQUEST: US Energy Facts?

**INSTRUCTIONS:** Visit the following site (15 minutes) -

[https://www.eia.gov/energyexplained/?page=us\\_energy\\_home](https://www.eia.gov/energyexplained/?page=us_energy_home)

1. Use this site to start an investigation into the different types of energy Americans use.
2. According to the site, what are the 5 energy consuming sectors:
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_
3. Also, according to the site, what are the 5 primary sources of energy production in 2017? Investigate the sources and complete the following chart: *NOTE: Clicking a source will take you to more information.*

<b>Energy Production Source and %</b>	<b>What is it? Description:</b>	<b>What are some of its uses?</b>



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<b>Energy Production Source and %</b>	<b>What is it? Description:</b>	<b>What are some of its uses?</b>

1. Using a comparison of oil and gas prices and inventories (<https://www.eia.gov/>), what is the current gas price? Is it up or down from last week? Up or down from last year?
2. Using the same site, name one other piece of data that you find of importance and compare to last week and last year.



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<b>Post-Event Assignment</b>	
<p style="text-align: center;">(Credit for 1 leadership activity will be given for completing this assignment)</p> <p><b>Advisors:</b> 1. <u>Confirm</u> completion of each assignment. 2. <u>Sign</u> your initials in the Post-EVENT column of the student sign-up sheet. 3. <u>Submit</u> Student Sign-Up Sheet to Anita by <b>February 11 at 5PM</b> (<a href="mailto:anita@nmmesa.org">anita@nmmesa.org</a> or FAX <a href="tel:877-464-6642">877-464-6642</a>)</p>	<p><b>Students:</b> DUE to your advisor by Monday, February 11th to receive credit for the Post-event assignment.</p>
<p><b>Reflect:</b> 1 Minute QUICK WRITE: Without stopping or pausing, write down your impressions, feelings and experiences while attending the Energy &amp; Education Fair. What was the best? Worst? What did I learn? How am I going to use this experience in the future? (2-5 sentences)</p> <p><b>Submit and Evaluate:</b> Use this quick write to complete the Survey Monkey Event Evaluation at:</p> <p style="text-align: center;"><b><a href="https://www.surveymonkey.com/r/EnergyFair2019">https://www.surveymonkey.com/r/EnergyFair2019</a></b></p>	<p><input type="checkbox"/> <b>Advisors, verify completion by checking the box.</b></p>
<p><b>Share</b></p> <p><input type="checkbox"/> Share some ideas from your quick write. Collaborate with your advisor and other attendees to come up with a SINGLE announcement/press release in the style of a humorous TOP TEN list – answer the question “Why should students join MESA and attend the Energy &amp; Education fieldtrip next year?”</p> <p><input type="checkbox"/> Submit a copy of your TOP TEN LIST to your Regional Coordinator (Be sure to include your high school name, city and an advisor’s name with your list).</p>	<p><input type="checkbox"/> <b>Advisors, verify completion by checking the box.</b></p>
<p><b>Document Your Achievement:</b> Add your attendance at the Energy &amp; Education Fair to your list of achievements on your resume.</p> <p>Example of a resume entry:</p> <p>Energy &amp; Education Fair. Artesia, NM, January 18, 2019. High School students from around the state are invited to experience the Energy Industry firsthand through a field trip that features company tours, workshops, presentations and culminating in an education fair. Students are exposed to different career options through access to professionals in the field and the institutes of higher education represented at the education fair.</p>	<p><input type="checkbox"/> <b>Advisors, verify completion by checking the box.</b></p>