

You may delete this page from the document that follows after reading.

It contains plain language about the copyright we've adopted from
Creative Commons.

It also contains a link to the summary for our copyright license. This summary should be consulted if you intend to copy and redistribute this material in any medium or format, or adapt, remix, transform, or build upon this material.

[Click Here for information on the Creative Commons License we've adopted.](#)



From **Creative Commons:**

This is a human-readable summary of (and not a substitute for) the license. Disclaimer.

You are free to:

- **Share** — copy and redistribute the material in any medium or format
- **Adapt** — remix, transform, and build upon the material

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

- **Attribution** — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.
- **NonCommercial** — You may not use the material for commercial purposes.
- **ShareAlike** — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original.

No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

Center for Renewable Energy Advanced Technological Education



Name: _____

Date: ____ / ____ / ____ Class Hour: ____

EXPLORING A JOB IN THE ENERGY INDUSTRY

Instructions for completing this activity:

Select a mid-level position on an *Energy Career Map* that best matches a job you could see yourself doing within the next 2-5 years. You will research and write about the job you choose.

Energy Career Map	Link
Bioenergy Career Map:	https://www.energy.gov/eere/bioenergy/bioenergy-career-map
HVAC Career Map:	https://www.hvaccareermap.org/
Solar Career Map	https://www.irecsolarcareermap.org/
Wind Career Map:	https://www.energy.gov/eere/wind/wind-career-map
Green Buildings Career Map:	https://greenbuildingscareermap.org/

Place your name and any other information your teacher requires for this lesson at the top of a blank page. Center the title of the job you selected at the top of the page just below your name in **bold**.

Follow all requirements your teacher communicates to you for the rest of this paper. You will be given information about formatting, font and size, submission (digital or paper), and due date.

You are required to write the **Introduction** and **Summary** paragraphs outlined in bold, below. Naturally the Introduction paragraph will be your first paragraph. Your Summary paragraph will be your final paragraph.

Between your Introduction and Summary paragraphs, you will provide details about the job you chose. There are four potential paragraph topics with prompts on which to write.

They are:

- **Compensation**
- **Qualifications**
- **Job demands**
- **Career Advancement**

You will answer the prompts for **two** of these paragraph topics. Choose paragraph topics that make the most sense to write about, or are the most interesting to you.

Most of the information you need to write about should be found within the Career Map you choose. A little additional research outside of your Career Map may be needed to provide all of the information needed to answer each of the questions.

Combine the answers to these **introduction** prompts into your first paragraph:

- Provide a short introduction of yourself to your reader.
- Review circumstances in your life right now that are relevant to this research and writing activity.
- Describe why a career in the field of energy holds interest for you.
- Explain why you chose this career map from among those available to review.
- Provide a brief review of the job you selected from your career map. In the review, explain why you chose this particular job.

1. Combine the answers to these **compensation** prompts into a paragraph:

- How much does this job pay per year?
- Is this job hourly work, or is it a salaried position?
- Review whether or not this job is likely to have a good benefit package (health insurance, vacation pay, pension or retirement package).
- How consistent is employment in this job? Is it work that changes with the seasons? Is this a position that's likely to be laid off when things get slow?

2. Combine the answers to these **qualifications** prompts into a paragraph:

- Review the level of education preferred or required for this job.
- Describe prior experience needed for the job.
- Review any education and experience you already have that is necessary for this job.
- What additional work experience, training, or schooling will you need to acquire to become qualified for this job?
- Review any skills or qualities you believe you naturally possess that would make you "a good fit" for the job.

3. Combine the answers to these **job demands** prompts into a paragraph:

- Describe any physical demands for the job that need to be considered.
- Roughly what % of the time is the work outdoors? Indoors? If there is a lot of outdoor work, are there weather extremes to consider?
- Are significant safety concerns or risks a regular part of this job? If so, briefly describe them.
- Will this work be done mostly in a big city? A small city? Both?
- Will this work require significant travel? Will you be away from home a lot?
- Is regular interaction with people required on the job? Are good communication and interpersonal skills necessary?

4. Combine the answers to these **career advancement** prompts into a paragraph:

- What other jobs provide an entry point that leads up to the job you selected? Name them, and give a brief description of each one.
- From the job you selected, into what jobs could you be promoted or transferred? Name them, and give a brief description of each one.
- Are advancement opportunities likely to be slow or fast? Explain the thinking behind your answer fully.
- Can you picture yourself as a good fit for the jobs you've described here? Provide an explanation for your answer.

Combine the answers to these **summary** prompts into your final paragraph:

- Describe whether or not this job would be satisfying to you. Would this job provide meaningful employment that can make a positive difference for you and other people?
- Review whether or not this job is on a career path that would be satisfying to you. Would the career path provide meaningful employment that can make a positive difference for you and other people?
- Explain how you will apply or make use of the information you have learned while researching and writing this project.