

Interested in learning more?

You can learn more with these fun extension activities!

Are you interested in pursuing a science-related career in the future? Scan the QR code to learn more about STEM careers.



Scan the QR code to learn more about the Geoscience Careers.



Think about it:

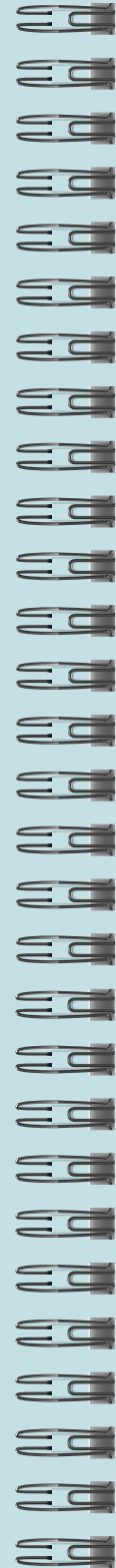
How has VICTORY lessons promoted you to learn more on science-related careers?

Thank you for your participation in FIS!

For more information about Project VICTORY visit:

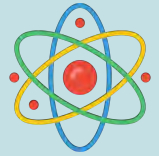


Project VICTORY 2024



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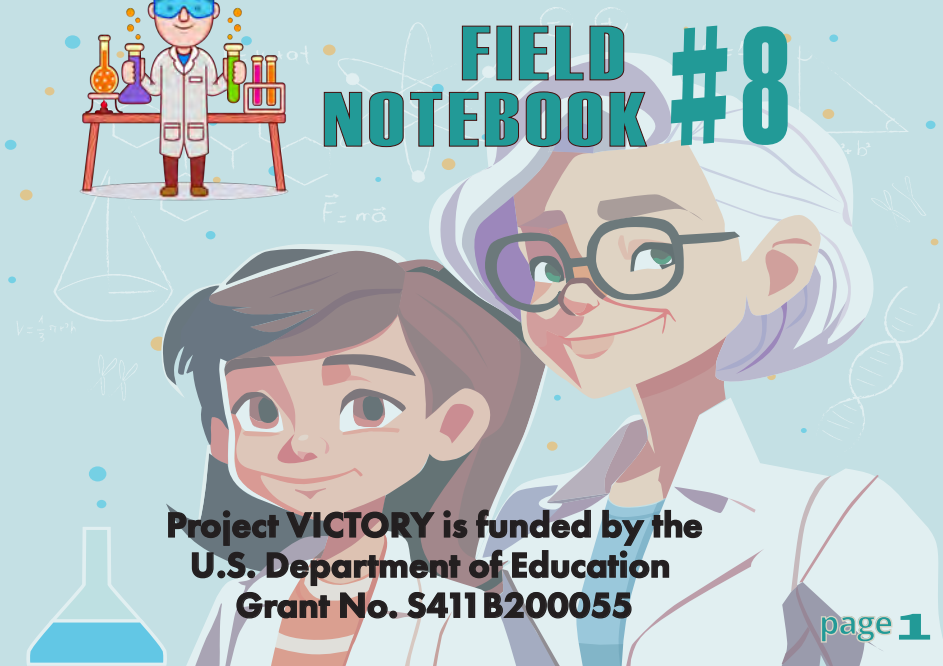
Project VICTORY

Family Involvement in Science

Introducing Careers in Earth Science



FIELD NOTEBOOK #8



Project VICTORY is funded by the
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Grant No. S411B200055

Dear Family,

We are glad you are participating in Project VICTORY to learn more about Earth science. We hope you enjoy these



Family Involvement in Science (FIS) activities. Please work through the activities within the week.

This week's topic:

As part of the VICTORY lessons, your child learned that there is a broad range of Earth scientists who study land, soil, water, atmosphere, climate, and space. If your child enjoys learning about the nature, geology, and the natural processes on Earth, a job in Earth science may be a good option for your child.

In this book, we will discuss different types of Earth science careers for your child to consider pursuing in the future.



DID YOU KNOW?

According to the recent research conducted by Purdue University, exposing kids to STEM in elementary school provides kids with the foundation necessary to fulfill an increased number of STEM-related careers.



5. What do you enjoy most about your job?

6. What made you decide to pursue this profession?

7. What is a typical day like for you?

8. What is the salary range for this job?

9. What advice do you have for me if I want to pursue this career?

Family Science Activity



This week's second family challenge is to interview a family member or someone in your community who works in a science-related career.

With the assistance from an adult family member, please conduct this interview and ask these questions below and carefully record the answers.

1. What is your name?

2. What is your job?

3. What kind of education or training did you need for this job?

4. What are important skills needed for this job?

Target Vocabulary



Vocational Job

A **vocational job** is a career that usually requires a high school diploma. Vocational jobs usually require job-specific skills, technical training, and certifications.



Professional Job

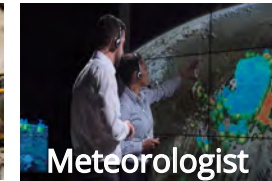
A **professional job** is a career that requires a specific amount of advanced education in a specific field. Some professional jobs require a bachelor's degree or higher (master's or Ph.D. degree).



Offshore Driller



Miner



Meteorologist



Hydrologist



Soil Technician



Electrician



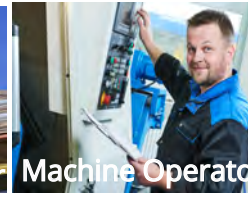
Geomorphologist



Heliophysicist



Solar Panel Installer



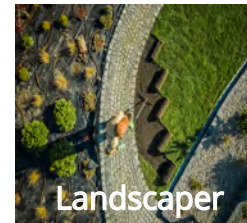
Machine Operator



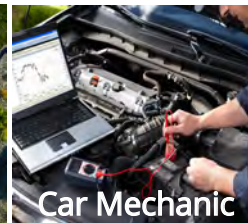
Paleontologist



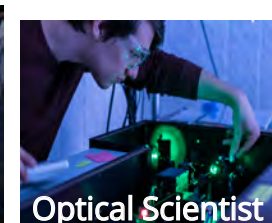
Soil Scientist



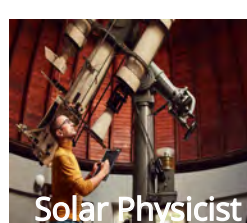
Landscape architect



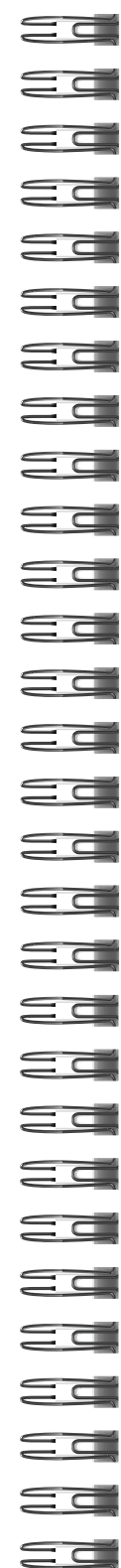
Car Mechanic



Optical Scientist



Solar Physicist





Careers in Earth Science


This week's first family challenge is to research science-related careers in Earth science that you are interested in.


Choose the Topic

Earth science encompasses a vast array of disciplines that delve into understanding the complexities of our planet. Here are four main topics of Earth science you learned from VICTORY lessons. Check the box for the topic that you are interested in. You and your family can work on more than one topic, if time permits.

 **Geology**
This is the study of the Earth's physical structures, soil, rocks, fossil fuels, landforms, and minerals.

 **Hydrology**
This is the investigation of the Earth's bodies of water and their movement.

 **Meteorology**
Meteorology is the study and prediction of short-term weather conditions and phenomena.

 **Astronomy**
Astronomy is the study of outer space, celestial bodies, and the observable universe.

Mini-Research

You and your family members will research the careers of the selected topic. List any careers that you may be interested in.

Which science career are you interested in? Select one career from the list of careers you created, and do some research for the following information:

- Job description (what do they do)
- What skills are needed
- What schooling is required
- Average salary
- What certificate is needed
- Working locations

	The career I want to research is _____.
Job description	
Schooling/ Certificate	
Skills	
Salary	
Working locations	
Other interesting findings	

