

Career Clue Hunt

Explore how different STEM resources reveal career information.

6.4.C “research and explore resources such as museums, libraries, professional organizations, private companies, online platforms, and mentors employed in a science, technology, engineering...”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each resource Jada uses. Circle the words that tell what each resource helps her investigate about environmental engineering.

Jada Investigates a Career

- ① Jada wants to learn whether environmental engineering could be a future career. She begins at the public library, where a librarian helps her find a book and a career database. The book explains that environmental engineers protect water, air, and land. The database lists education requirements, typical tasks, and related jobs. Jada writes the publication date beside each source. She knows that a recent, named source can be checked more easily than an unsigned post.
- ② Next, Jada visits a science museum with an exhibit about clean-water systems. A museum educator describes how engineers test filters and help design treatment plants. Jada also reads a career page from a professional organization for environmental engineers. It explains that engineers may work with scientists, city planners, and construction teams. The museum gives Jada a chance to ask questions, while the organization connects career information to people working in the field. She records where each fact came from.
- ③ To check her findings, Jada uses an online career platform to compare job titles and training options. She visits a private water company’s website, which describes its own engineering jobs and internship program. Finally, she interviews an environmental engineer at a city water department. Her mentor explains a typical workday and suggests questions to investigate next. Jada compares details across sources. She notes that a company website may emphasize its openings, so she looks for confirmation elsewhere.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What two resources does Jada use at the library, and what information does the career database provide?

2 How do the museum and the professional organization give Jada different kinds of career information?

3 Why does Jada look for confirmation of information from the private water company's website?

4 Which resource gives Jada information about a typical workday, and how does she use that resource?

3 YOUR TURN _____ Your own words

Choose one STEM career you want to investigate. Fill in the chart with three different resource types, a specific source or person, one question you would ask, and why that resource would be useful.

RESOURCE TYPE	SPECIFIC SOURCE OR PERSON	QUESTION TO INVESTIGATE	WHY THIS IS USEFUL

PART 1 • READ AND MARK

Underline each resource Jada uses. Circle the words that tell what each resource helps her investigate about environmental engineering. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What two resources does Jada use at the library, and what information does the career database provide?	She uses a book and a career database. The database provides education requirements, typical tasks, and related jobs.
2	How do the museum and the professional organization give Jada different kinds of career information?	At the museum, an educator describes engineers testing filters and designing treatment plants. The professional organization explains that engineers may work with scientists, city planners, and construction teams.
3	Why does Jada look for confirmation of information from the private water company's website?	The company website may emphasize its own job openings and internship program, so Jada checks details with other sources.
4	Which resource gives Jada information about a typical workday, and how does she use that resource?	An environmental engineer at a city water department gives her this information. Jada interviews the engineer as a mentor.

PART 3 • YOUR TURN (SAMPLE ANSWER)

RESOURCE TYPE	SPECIFIC SOURCE OR PERSON	QUESTION TO INVESTIGATE	WHY THIS IS USEFUL
Library	A library career guide	What classes and degrees do cybersecurity analysts need?	It can provide edited education information.
Online platform	A job search platform	Which entry-level analyst jobs are listed near me?	It shows current job titles and employers.
Mentor	A cybersecurity analyst	What problem do you solve most often?	A worker can describe daily tasks.

Accept equivalent descriptions that match the passage's resource and career details. For Part 3, accept any STEM career and three distinct, appropriate resources with questions that could help investigate that career.