

Career Clue Hunt

Use several STEM resources to investigate a career.

5.4.B “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 or person Maya uses for research. Circle words that show how she checks, compares, or adds to her information.

Maya Investigates Water Careers

- ① Fifth grader Maya wonders how engineers keep drinking water clean after storms. She begins at the public library, where a librarian helps her find a book about environmental engineers. The book explains that these engineers test water, plan treatment systems, and work with communities. Maya writes a research question: “What jobs help make water safe?” She also records the book title and author.
- ② Next, Maya visits a science museum and reads labels beside a water-filter display. A museum educator tells her about testing materials. At home, Maya uses an online career platform from a university to compare education needed for environmental engineering and laboratory technology. She checks who created the platform and its date. Current, named sources can help her decide whether information is trustworthy.
- ③ To learn about daily work, Maya reads a fact sheet from a professional engineering organization and watches a short video made by a local water company. Then she interviews her aunt, a civil engineer, who is her mentor. Her aunt describes working with teams and checking plans. Maya compares details from each resource, notes where they agree, and lists a new question to investigate.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Which resource did Maya use to compare the education needed for two careers? Name the two careers.

2 What two things did Maya check to help decide whether the online platform was trustworthy?

3 Which mentor did Maya interview, and what STEM career does the mentor have?

4 What did Maya look for when she compared details from her resources? What did she do next?

3 YOUR TURN _____ Your own words

Choose one STEM career you want to investigate. Plan three different resources or people you could use, and write one focused question for each resource.

STEM CAREER	RESOURCE OR PERSON TO EXPLORE	QUESTION I WILL INVESTIGATE

PART 1 • READ AND MARK

Underline each resource or person Maya uses for research. Circle words that show how she checks, compares, or adds to her information. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which resource did Maya use to compare the education needed for two careers? Name the two careers.	She used an online career platform from a university. The careers were environmental engineering and laboratory technology.
2	What two things did Maya check to help decide whether the online platform was trustworthy?	She checked who created the platform and its date.
3	Which mentor did Maya interview, and what STEM career does the mentor have?	Maya interviewed her aunt, who is a civil engineer.
4	What did Maya look for when she compared details from her resources? What did she do next?	She looked for details that agreed. Then she listed a new question to investigate.

PART 3 • YOUR TURN (SAMPLE ANSWER)

STEM CAREER	RESOURCE OR PERSON TO EXPLORE	QUESTION I WILL INVESTIGATE
Robotics engineer	Science museum robotics exhibit	What problems do robotics engineers solve?
Robotics engineer	Online career platform from a university	What education do robotics engineers need?
Robotics engineer	Robotics engineer mentor	What tasks fill a typical workday?

Accept equivalent resource descriptions and accurate paraphrases of passage details. For the open task, accept any STEM career, three different appropriate resources or people, and focused questions that could help investigate the career.