

People Who Discover

Read how scientists and engineers study, observe, and design.

2.4.B “identify scientists and engineers such as Alexander Graham Bell, Marie Daly, Mario Molina, and Jane Goodall and explore what different scientists and engineers do.”

NAME _____ DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Circle each person's name. Underline the words that tell what each scientist or engineer did, so you can match people to their work.

Different Kinds of Work

- ① Scientists and engineers ask questions and solve problems. Alexander Graham Bell was an engineer who worked with sound and communication. He helped develop the telephone, a tool that carries voices over wires. Engineers design and improve useful tools.
- ② Marie Maynard Daly was a scientist who studied chemistry in living things. She learned that high cholesterol can be linked to high blood pressure. Her research helped people understand how food and the body are connected.
- ③ Mario Molina was a chemist who studied gases in the air. He showed that some human-made gases can harm Earth's ozone layer. Jane Goodall is a scientist who watches chimpanzees closely and records what she sees in their lives.

2 ANSWER WITH EVIDENCE _____ Use the passage

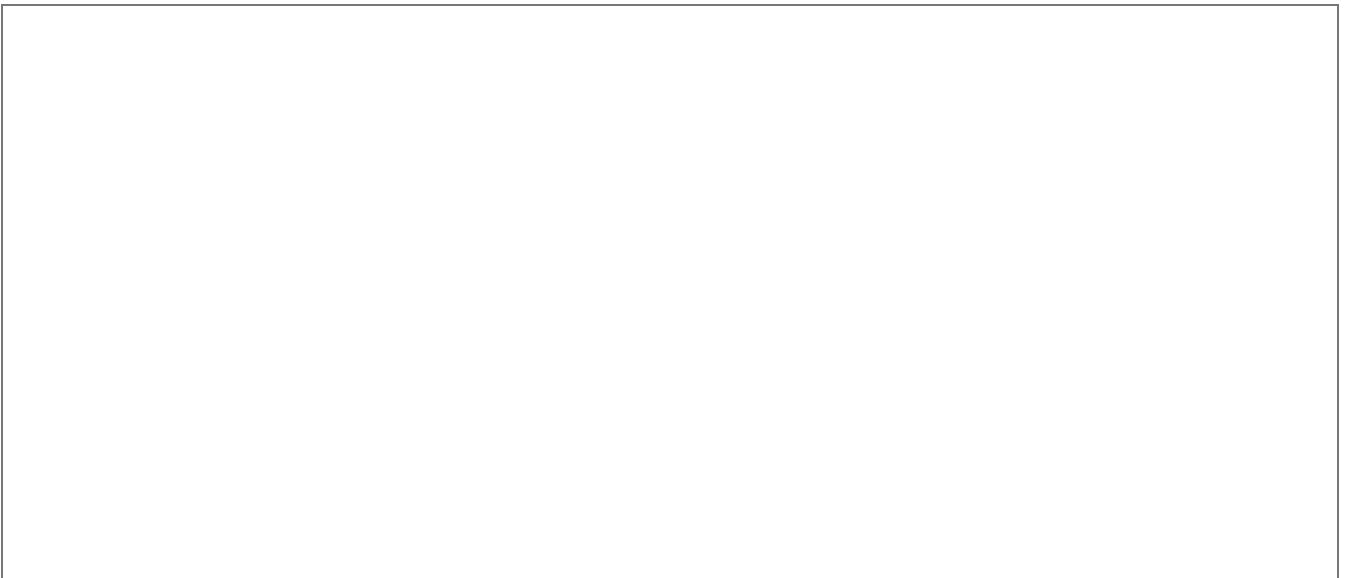
1 Which person in the passage was an engineer? What tool did he help develop?

2 How was Marie Maynard Daly's work different from Jane Goodall's work?

3 What did Mario Molina study, and what did he show?

3 YOUR TURN _____ Your own words

Choose a scientist or engineer who is not in the passage. Draw something connected to that person's work. Then write two sentences that name the person and tell what the person does or did.



PART 1 • READ AND MARK

Circle each person's name. Underline the words that tell what each scientist or engineer did, so you can match people to their work. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which person in the passage was an engineer? What tool did he help develop?	Alexander Graham Bell was an engineer. He helped develop the telephone.
2	How was Marie Maynard Daly's work different from Jane Goodall's work?	Daly studied chemistry in living things and connections between cholesterol and blood pressure. Goodall watches chimpanzees and records what she sees.
3	What did Mario Molina study, and what did he show?	He studied gases in the air. He showed that some human-made gases can harm Earth's ozone layer.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Drawing: a Super Soaker water gun. Lonnie Johnson is an engineer who designs inventions. He invented the Super Soaker water gun.

Accept answers that correctly match each person with work stated in the passage. For Your Turn, accept another real scientist or engineer, a related drawing, and two accurate sentences that explain the person's work.