

Inventors in Action

Identify how notable people changed science, technology, and daily life.

5.22.A “identify the accomplishments of notable individuals in the fields of science and technology such as Benjamin Franklin, Eli Whitney, John Deere, Thomas Edison, Alexander Graham Bell, George Washington Carver, the Wright Brothers...”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline and number 1 through 8 the eight sentences that name a featured individual or team and state that person's or team's main accomplishment. Do not mark sentences that only give extra details or effects.

Ideas That Changed Life

- ① Benjamin Franklin invented the lightning rod to help protect buildings during storms. Eli Whitney invented the cotton gin, a machine that quickly separated cotton fibers from seeds. John Deere made a steel plow that cut through tough prairie soil without getting clogged. These inventions changed work and safety in early America.
- ② Thomas Edison helped develop a practical incandescent light bulb that could be used for many hours. Alexander Graham Bell received a patent for the telephone, which carried sound over wires. George Washington Carver studied crops and taught farmers to rotate crops, including peanuts and sweet potatoes, to improve soil and reduce reliance on cotton. His work supported farming communities.
- ③ Wilbur and Orville Wright built and flew the first successful powered airplane in 1903. Their flight showed that a heavier-than-air machine could take off under its own power and be controlled in the air. In 1969, Neil Armstrong became the first person to walk on the Moon during the Apollo 11 mission. His step represented advances in rockets, spacecraft, and space exploration.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What did Benjamin Franklin invent, and what problem did it help solve? What machine did Eli Whitney invent?

2 How were John Deere and George Washington Carver both connected to farming? Describe one accomplishment of each person.

3 What accomplishment did Thomas Edison have, and what accomplishment did Alexander Graham Bell have?

4 What did the Wright brothers accomplish in 1903? What did Neil Armstrong accomplish in 1969?

3 YOUR TURN _____ Your own words

Write a three-sentence museum label about one featured individual or team. Name the accomplishment, explain what it did, and tell how it changed people's lives or work.

PART 1 • READ AND MARK

Underline and number 1 through 8 the eight sentences that name a featured individual or team and state that person's or team's main accomplishment. Do not mark sentences that only give extra details or effects. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What did Benjamin Franklin invent, and what problem did it help solve? What machine did Eli Whitney invent?	Franklin invented the lightning rod, which helped protect buildings during storms. Whitney invented the cotton gin.
2	How were John Deere and George Washington Carver both connected to farming? Describe one accomplishment of each person.	Deere made a steel plow that cut through tough prairie soil. Carver taught farmers to rotate crops, including peanuts and sweet potatoes, to improve soil and reduce reliance on cotton.
3	What accomplishment did Thomas Edison have, and what accomplishment did Alexander Graham Bell have?	Edison helped develop a practical incandescent light bulb that could be used for many hours. Bell received a patent for the telephone, which carried sound over wires.
4	What did the Wright brothers accomplish in 1903? What did Neil Armstrong accomplish in 1969?	The Wright brothers built and flew the first successful powered airplane in 1903. Armstrong became the first person to walk on the Moon in 1969.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Benjamin Franklin invented the lightning rod. It helped protect buildings during storms. This invention made people safer when lightning struck.

Accept accurate accomplishments and effects stated in the passage. For the museum label, accept any featured individual or team if the response includes an accurate accomplishment, explanation, and effect.