

Name \_\_\_\_\_

## STEM Heroes: The Power of Science

### Open-Ended Response Answer Key

1. STEM skills and knowledge are valuable in solving real-world problems and addressing global challenges because they provide the tools and understanding needed to analyze complex issues, develop innovative solutions, and make informed decisions.
2. Answers may vary. Example: "I would choose the ability to harness renewable energy and use it to combat climate change by providing clean and sustainable power to communities."
3. Teamwork and collaboration were essential among the STEM heroes because each member brought their unique skills to the table, allowing them to tackle challenges that required a combination of scientific, technological, engineering, and mathematical expertise.
4. The story of the STEM heroes can inspire young people to pursue STEM education and careers by showing that ordinary individuals with STEM skills can make a significant impact on the world. It emphasizes the idea that anyone, regardless of their background, has the potential to become a hero through their knowledge and dedication to solving problems.

