

Name \_\_\_\_\_

## Sparks of Creation: The World of Welders

### Open-Ended Response Answer Key

1. Answers will vary but may include differences in welding techniques, safety measures, and the type of materials used.
2. Quality control in welding is crucial to ensure the strength and durability of structures. Welders ensure quality by inspecting each weld for defects and addressing any issues promptly.
3. If a Welder encounters a defect in a weld, they might stop welding, assess the issue, and make necessary repairs or re-weld the joint to ensure its integrity.
4. Advancements in welding technology, such as robotic welding systems, have increased efficiency and precision in welding processes, allowing for faster and more accurate welds.

