

Name _____

Microscopic Marvels: Exploring the World of Bacteria

Open-Ended Response Answer Key

1. Bacteria can survive in extreme conditions and form protective structures like endospores, allowing them to withstand harsh environments.
2. Bacteria help break down dead organisms, recycling nutrients back into the environment for other living organisms to use.
3. Bacteria are used in fermentation processes to produce foods like yogurt, cheese, and bread.
4. Understanding bacteria helps us prevent diseases while also harnessing their benefits for various purposes like food production and environmental sustainability.

