

Name _____

Clean Water for All: A Journey Towards Universal Access

Open-Ended Response Answer Key

1. Technology has improved access to clean water through innovations like water purification filters, solar-powered water pumps, and mobile water testing kits. For example, the development of affordable water purification filters has made it easier for households to purify their drinking water, even in remote areas.
2. Two challenges in achieving universal access to clean water are limited access in remote regions and water scarcity due to climate change. Possible solutions include the construction of water infrastructure in remote areas and implementing water conservation measures to combat scarcity.
3. Community involvement is important because it fosters local ownership, ensures culturally appropriate solutions, and promotes sustainability. Communities can contribute by maintaining water infrastructure, educating residents, and advocating for their water rights.
4. Achieving universal access to clean drinking water by 2030 is significant because it will greatly improve public health, reduce waterborne diseases, enhance economic opportunities, and empower marginalized communities. This achievement will promote a more equitable and sustainable world for future generations.

