

Water Across the Curriculum

<p style="text-align: center;"><i>English/Language Arts</i></p> <ul style="list-style-type: none"> • Develop a vocabulary list related to water • Compare news articles covering water related issues in different countries • Write a persuasive essay about reducing use of single-use water bottles or water conservation at school 	<p style="text-align: center;"><i>Social Studies/History</i></p> <ul style="list-style-type: none"> • Learn what positions federal governments and the United Nations hold concerning our rights to clean water • Interview a city council member or deputy about the government’s role in providing water as a public commodity and the how this changes with privatization • Explore your watershed and identify what area has the greatest impact from humans, agriculture, business and what areas are protected 	<p style="text-align: center;"><i>Languages</i></p> <ul style="list-style-type: none"> • Look at and compare the statistics for access to clean potable water in different countries • Learn vocabulary related to water • Find out the different kinds of methods used to transport water in countries where the language being studied is spoken
<p style="text-align: center;"><i>Theater, Music, & Visual Arts</i></p> <ul style="list-style-type: none"> • Adapt stories about people caring for the water around them into a performance with opportunities for discussion with the audience • Find music from different cultures that express appreciation for our natural resources • Create visuals that convey the importance of water to all life everywhere 	<p style="font-size: 2em; font-weight: bold;">WATER</p>	<p style="text-align: center;"><i>Math</i></p> <ul style="list-style-type: none"> • Find out how much water is needed for manufacturing items we use every day and discuss the role we have as consumers • Create graphs to show the impact of single-use water bottles such as how much oil they require, how much water is used in manufacturing, and carbon footprint in transporting them • Compare the school’s monthly water bills before (from prior years) with current bills after implementing a student-generated water conservation plan
<p style="text-align: center;"><i>Physical Education</i></p> <ul style="list-style-type: none"> • Discuss the necessity of clean water on physical health and well-being • Create an experience where students find out how far potable water is often carried in developing countries and then find out firsthand the physical demands through a simulation • Find out food choice in addition to drinking water can keep our bodies hydrated and how this is especially important for athletes 	<p style="text-align: center;"><i>Computer</i></p> <ul style="list-style-type: none"> • Create a map showing global “hot spots” where water issues are most significant; note what water issues are prevalent in each locale • Find out how electronic waste threatens our water systems • Using the Internet as one source to gather information, compare the work being done by various nonprofit organizations to create access bring clean water throughout the world or who are involving youth in protecting our waterways and resources 	<p style="text-align: center;"><i>Science</i></p> <ul style="list-style-type: none"> • Compare human anatomy and our dependence on water with that of our planet • Examine how bioaccumulation impacts our water systems and marine life • Learn about different methods being used to make clean drinking water accessible to needing populations including desalination, moringa seeds, storage methods

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