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**ENGAGE YOUR PUBLIC WITH OUTREACH: REPLACE
POWER POINTS WITH HANDS-ON, BRAINS-ON PRESENTATIONS**

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ABSTRACT: Classroom teachers know that the best way to motivate students is to stop talking at them and get them moving, thinking, and questioning. In this presentation participants will move, think, and question while learning how to present three hands-on, brains-on activities: one for early elementary students, one for upper elementary students, and one for middle to high school students (or adults).

Early Elementary: Younger students love to use their imaginations. Learn how to get them moving and imagining that they work at the "Drinking Water Plant" or at the "Wastewater Plant." Once students engage in a few minutes of playing out the role of the people who clean their drinking water or wastewater, they will have plenty of questions to ask you. That is a sure sign that they were listening!

Upper Elementary: When asked what they want to be when they grow up, most elementary students will not say, "I want to be an engineer." This is because they do not understand what engineers do. In the activity, "Engineering Clean Water," students must use critical thinking skills to create a process to clean drinking water. By the end of the presentation, many of the students will be asking questions about how to become an engineer.

Middle School and up: Students at this age are ready to discover relationships between seemingly unrelated things, like water and electricity. In this activity, students must provide their "town" with water and electricity. In the end, they learn that their citizens will need to conserve both in order to provide for everyone and be stewards of their resources.

These activities were created for and have been used successfully by the Albuquerque Bernalillo County Water Utility. Workshop participants will learn how to present these activities and will receive some supporting media like videos or coloring books as well as information about how to purchase or create materials.

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