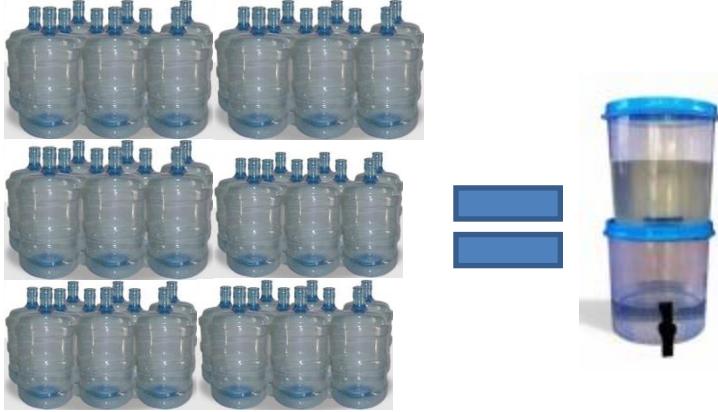


Día de Agua – Panajachel – November 2013 – Team Plan!

Station:	Tasks:	No. of Persons Needed	Materials Needed:
SALES	<p>Set up and man the sales table; pass out cups of water to passerby; answer product questions; take orders and record client information</p> <p>Optional: Bending Water trick - http://scifun.chem.wisc.edu/homeexpts/BENDWATER.html</p> 	1 - 2	<ul style="list-style-type: none"> • Product information (flyers, tri-folds, posters, etc.) • Disposable cups • Trash bag • Client tracking doc • Pens • Optional: Nylon (plastic) comb
HEALTH EDUCATION	<p>Posters and educational materials displaying the importance of drinking clean water (eyes, skin, bacteria, etc.)</p> <p>LA IMPORTANCIA DE CONSUMIR AGUA</p>  <p>Regula la temperatura del cuerpo 75% composición del cerebro Ayuda a llevar nutrientes y oxígeno a las células Conforma el 83% de la sangre Remueve los desechos Conforma el 22% de los huesos Amortigua las articulaciones Ayuda a convertir los alimentos en energía Humedece el oxígeno que respiramos Protege los órganos vitales Ayuda al cuerpo a absorber los nutrientes Conforma el 75% de los músculos</p> <p>centrohuellas.org</p> <p>ACTIVITY: What “disappears” in water? Have a series of clear cups set up in a row on a table. Invite kids to come put in small amounts of different materials into each cup – salt, sugar, food coloring, dirt, oil. Ask them what “disappears” versus what can they still see in the water? Lead into discussion about the dangerous bacteria, parasites, and amoebas that are common in unpurified water,</p>	1 - 2	<ul style="list-style-type: none"> • Educational materials (posters, diagrams, etc.) • Clear glasses or bottles of water • Mixed materials – dirt, salt, sugar, food coloring, oil, etc. • Stirring implements (i.e. spoons)

	<p>the damage they can do to the body, and why it is vital to consume filtered water. Talk about why the water changes color in the rainy season – but also why it is still not clean in the dry season.</p> 		
ECONOMIC EDUCATION	<p>Use a large display of the comparison between the cost of 1 filter/1 candela versus a year of purchasing garrafones and/or white board to invite adults over to calculate their personal savings; Show them not only how much money they could potentially save in a year, but also be sure to ask them what they would do with that extra cash and have them write it on the white board or a large poster – get them to think about the benefits! Maybe we offer them a coupon to purchase the filter? Have kids rearrange the water bottle sculpture while you are calculating with adults</p> 	1	<ul style="list-style-type: none"> • Poster comparison • White board and markers • Calculator • Coupons for filter purchase?? • Water bottle sculpture
KIDS EDUCATION	<p>What do kids know about water? Why is it important? How is it used? And where does it go? Why is the rainy season so different from the dry season? Why can a water filter be beneficial? Have the kids create their own water cycle and talk them through each stage: evaporation, condensation, precipitation. Point it out to them – see the lake? The clouds? The rain? Have them draw what they have learned to take with them http://thewaterproject.org/resources/lesson-plans/create-a-mini-water-cycle.php</p>	2 - 3	<ul style="list-style-type: none"> • Educational posters or pictures (i.e. diagram of the water cycle) • 2 – 5 large clear bowls (glass or plastic) • plastic saran

			<ul style="list-style-type: none"> wrap • string or a large rubber band • water • coffee mugs (same # as bowls) • scrap paper for drawing on • crayons or markers • sunlight or source of warmth
OPTIONAL: ENVIRONMENTAL EDUCATION	<p>Teaching passerby about the environmental impacts of plastic and water pollution through an activity that teaches them to take pride in the natural beauty of their country and want to prevent plastic bottle use/waste production. Have pictures of both beautiful Guatemalan scenery and heavily polluted/littered bodies of water in Guatemala – ask them to compare the two pictures and what they think. Materials and discussion about how a filter can help – less plastic waste, no chemicals or energy needed to clean the water, etc. Talk about their lake in particular – the red alga that has appeared in recent years. Do adults remember when swimming was safe? When it was declared hazardous? What have they heard before about water pollution?</p> <p>Have kids draw positive messages about caring for the natural environment. Offer a small prize if they run and pick up a plastic bottle and throw it in a trash bag?</p> <p>These pictures are here in Guatemala:</p> <p>ANTES</p>	1	<ul style="list-style-type: none"> • Photos and diagrams of Guatemalan scenery v. pollution • Paper to draw on • Crayons or markers or colored pencils



DESPUES



NOTE: Let's please try to produce as little waste in our activities as possible. We should try to use any existing materials we already have – i.e. if Nikki has a few spoons she can loan us so we don't have to purchase plastic ones.

OPTIONAL POST-WATER DAY ACTIVITY: Use the plastic water bottles featured in the sculpture and have the school groups make mini terrariums and plant some SolCom seeds in them; 1-2 packets of seeds should be plenty for 50-75 terrariums

