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The Water Saver

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Misusing water hurts the environment because it is using fossil fuels to either heat it up or recycle and reuse. The Water Saver is a setup under your sink which allows you to flip a switch that changes where your water goes. When you flip the switch in a particular direction, it leads to the sewage system, where the dirty water goes. When you are running your water to just heat it up, you can flip the switch in the other direction, it will lead that clean water to a tank in your basement. You can now reuse this water from this tank for something else, like watering plants.

The materials I used include four cardboard boxes, two Plastic Tube Pipes, One faucet, One Curved Plastic Connector Pipe, One 101 oz water bottle, Paper, Packing Tape, Sink Drain, Hot glue and a Large Sheet Of Paper.

The design was sketched out on paper. This helped me to brainstorm about the materials I would need to make this project work. Once the prototype was created and tested, I altered the materials to make my product more successful.