

# Home Water Investigation—Student Page 1

## Day 1

Part I						
		1	2	3	4	5
	Water Use	Predicted number of uses and amount of time	Actual number of water use	Time of actual water use	Number of gallons per use	Actual number of gallons used per day
Personal	EXAMPLE—Brush teeth (bathroom faucet)	<b>2 times, water running for 1 minute each time</b>	<b>2</b>	<b>1 minute each time, 2 minutes total</b>	<b>2.5 gallons per minute</b>	<b>5 gallons</b> (2 times x 2.5 gallons per time)
	Brush teeth (bathroom faucet)				2.5 gallons per minute	
	Toilet flush (toilet)				1.6 gallons per flush	
	Wash hands (bathroom faucet)				2.5 gallons per minute	
	Shower (showerhead)				2.5 gallons per minute	
	Get a drink of water (kitchen faucet)				2.5 gallons per minute	
Family	Use washing machine on largest load setting (washing machine)				25 gallons per load on large setting (15 gallons for efficient washers)	
	Water lawn with sprinkler (sprinkler)				3 gallons per minute (with nozzle)	
	Wash car, dog, driveway, bike, etc. with hose (garden hose)				3 gallons per minute (with nozzle)	
	Wash dishes (dishwasher)				8 gallons per load	
	Wash dishes (kitchen faucet)				2.5 gallons per minute	
	Total					