 NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WATER USE CALCULATOR

Follow LINK 1 on the homework calendar.

Put in the zip code for Brookings (57006) and answer the questions on the water use survey about YOUR water use.

Under HOME what are some categories that contribute to your water use?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Under DIET what are some categories that contribute to your water use?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Under ENERGY what are some categories that contribute to your water use?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Under STUFF what are some categories that contribute to your water use?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_


WHAT WAS YOUR ENERGY SCORE? (Fill in the blanks below to compare your water use to the US Average)
How does this compare to the U.S. AVERAGE? (Circle ONE)

 I use less water than average I use about the average I use more water than average

**FOLLOW THE LINK TO WATER CONSERVATION TIPS (LINK 2 on Homework Calendar)

Toilets, Taps, Showers, Laundry, and Dishes (Circle ONE)**
Which is more water efficient? Taking a bath Taking a shower

Which is more water efficient? Washing dishes by hand Washing dishes with a dishwasher

Which is more water efficient? Top loading washing machine Front loading washing machine

**Diet**
The amount of water used to PRODUCE FOOD in the US = \_\_\_\_\_\_\_\_\_ gallons/per person/per day.

The GLOBAL AVERAGE for ALL OF THESE (food, home, diet,
household use, transportation, and consumption of material goods) = \_\_\_\_\_\_\_ gallons/per person/per day.

The water used to make a Quarter pounder equals more than \_\_\_\_\_\_\_\_ average showers.

Washing a car uses about \_\_\_\_\_\_\_\_\_ gallons of water, so by washing less frequently you can cut back your water use.

A gallon of gasoline takes nearly \_\_\_\_\_\_\_\_\_ gallons of water to produce. Combine your errands, car pool to work, or take public transportation to reduce both your energy and water use.

**Electricity, Fuel Economy, and Airline Travel**Flying from Los Angeles to San Francisco, about 700 miles round-trip, could cost you more than \_\_\_\_\_\_ gallons of water,

A cross-country airplane trip (about 6,000 miles) could be worth more than \_\_\_\_\_\_\_\_\_\_\_ standard toilet flushes.

Traveling from Chicago to Istanbul is just about 10,000 miles round trip, costing enough water to run electricity in the average American home for one person for more than \_\_\_\_\_\_ years.

**Industry—Apparel, Home Furnishings, Electronics, and Paper**
It takes about \_\_\_\_\_\_\_\_ gallons of water to grow and process a single pound of cotton, If the average American goes through about 35 pounds of new cotton material each year, how many gallons of water will that consume? \_\_\_\_\_ gallons. Do you really need that additional T-shirt?

One of the best ways to conserve water is to buy recycled goods, and to recycle your stuff when you’re done with it. Or, stick to buying only what you really need.

The water required to create your laptop could wash nearly \_\_\_\_\_\_ loads of laundry in a standard machine.

Recycling a pound of paper, less than the weight of your average newspaper, saves about \_\_\_\_\_\_ gallons of water. Buying recycled paper products saves water too, as it takes about \_\_\_\_ gallons of water to produce a $1 worth of paper.

FROM: NATIONAL GEOGRAPHIC
http://environment.nationalgeographic.com/environment/freshwater/change-the-course/water-footprint-calculator/
http://environment.nationalgeographic.com/environment/freshwater/water-conservation-tips/

**FOLLOW LINK 3 on the Homework Calendar

HIDDEN WATER - How Many Gallons of Water is in a . . .**

Car = \_\_\_\_\_\_\_\_\_\_\_\_\_ gallons of water

Pair of Jeans = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gallons of water

Cotton T-Shirt = \_\_\_\_\_\_\_\_\_\_\_\_ gallons of water
.

Single Board of Lumber = \_\_\_\_\_\_\_\_\_\_ gallons of water

Barrel of Beer = \_\_\_\_\_\_\_\_\_\_ gallons of water

To-Go Latte = \_\_\_\_\_\_\_\_\_\_ gallons of water

Gallon of Paint = \_\_\_\_\_\_\_\_\_\_ gallons of water

Individual Bottled Water = \_\_\_\_\_\_\_\_\_\_ gallons of water

One Ton of Steel: = \_\_\_\_\_\_\_\_\_\_ gallons of water

One ton of Cement: = \_\_\_\_\_\_\_\_\_ gallons of water

One Pound of wool = \_\_\_\_\_\_\_\_\_\_ gallons of water

One pound of Cotton: = \_\_\_\_\_\_\_\_\_\_ gallons of water

1 pound of Plastic: = \_\_\_\_\_\_\_\_\_\_ gallons of water

Synthetic Rubber: = \_\_\_\_\_\_\_\_\_\_ gallons of water

FROM: http://www.treehugger.com/clean-technology/how-many-gallons-of-water-does-it-take-to-make.html