

# Water Web Workout 1 | Hidden Water Use

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## WEBSITE

<http://environment.nationalgeographic.com/environment/freshwater/embedded-water/#close-modal>

## OBJECTIVE

Investigate water and the amount required to produce and create many of the things in our daily lives.

## ASSIGNMENT

The amount of water we use is sometimes easy to see. We can quickly measure how much water we drink in a day or how much we use when cooking meals. However, at times it's not as obvious. Visit the link above to answer the following questions.

## QUESTION

When you arrive at this website, you may be asked to join the National Geographic community. If you do not want to do this, just click on *already registered* in the upper right hand corner. View the product images under the headline *How Much H<sub>2</sub>O is Embedded in Everyday Life*, and determine the following:

1. How much water does it take to make 1 pound of cheese?  
**600 gallons**
2. How much water does it take to make a ½ pound of cheese?  
**300 gallons**
3. How much water is used to produce 1 T-Shirt?  
**713 gallons**
4. How much water is used to produce 6 T-Shirts?  
**4,278 gallons**

5. How much water is needed to make 500 sheets of paper?

**1,321 gallons**

6. How much water is needed to make 775 sheets of paper?

**1,981.5 gallons**

Now that you know your way around the website, let's click on *Compare Products*.

1. How much water is used to make a Quarter Pound Hamburger?

**449.75 gallons**

2. Does it take more or less water to produce a Quarter Pound of Chicken? How much more or less?

**Less water. 117 gallons less.**

## BONUS QUESTION

How much water does a Wind Turbine use?

**0 gallons**

**Parents:** The link for this activity serves to enhance the information located in the *Student Workbook*. The website chosen for this assignment provides realistic, current information, while contributing to your student's knowledge and understanding about the topic.