Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Week of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Water Usage Log**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sun** | **Mon** | **Tues** | **Wed** | **Thurs** | **Fri** | **Sat** | **Average** | **Actual** | **Total** |
| **Bathroom** |
| **Toilet Flushes** |  |  |  |  |  |  |  | **x 5 gallons** |  |  |
| **Showers** |  |  |  |  |  |  |  | **x 25 gallons** |  |  |
| **Baths** |  |  |  |  |  |  |  | **x 35 gallons** |  |  |
| **Brush Teeth** |  |  |  |  |  |  |  | **x 2 gallons** |  |  |
| **Shave** |  |  |  |  |  |  |  | **x 4 gallons** |  |  |
| **Kitchen** |
| **Cooking** |  |  |  |  |  |  |  | **x 5 gallons** |  |  |
| **Dishes by Hand** |  |  |  |  |  |  |  | **x 6 gallons** |  |  |
| **Dishwasher** |  |  |  |  |  |  |  | **x 10 gallons** |  |  |
| **Garbage disposal** |  |  |  |  |  |  |  | **x 5 gallons** |  |  |
| **Utility Room** |
| **Wash clothes** |  |  |  |  |  |  |  | **x 60 gallons** |  |  |
| **Outdoors** |
| **Wash car** |  |  |  |  |  |  |  | **x 100 gallons** |  |  |
| **Water lawn** |  |  |  |  |  |  |  | **x 9 gallons per minute** |  |  |
| **Other** |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

**The average American uses 80-100 gallons of water a day. How do you compare?**

**How much water did you use for everyday functions? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gallons**

**How much water did your group use for everyday functions? \_\_\_\_\_\_\_\_\_\_\_\_ gallons**

**How much water did your class use for everyday functions? \_\_\_\_\_\_\_\_\_\_\_\_\_ gallons**

**Challenge questions:**

**Based on your calculations estimate how many gallons of water your city uses? What about the state?**

**The average person in the Netherlands uses 27 gallons of water per day. The average person in Gambia uses less than 2 gallons of water per day.**

**What could you do to conserve water? Estimate how many gallons a week you could conserve. What could you do without but still maintain a clean and sanitary environment?**

Source <http://www.pacinst.org/reports/water_fact_sheet/>

Source <http://www.get2knowh2o.org/instructor/teach4.pdf>