Water audit around home: Water use for one day

Below are two water audits you can use to work out how much water you actually use either at home or at school. You may like to find your own actual flow rate by doing activity one or just use the typical amounts from the tables.

Activity one: You will need two people, a bucket or container big enough and a stopwatch or your phones stopwatch.

[Find your flow rate](https://www.youtube.com/watch?v=-xT_diwaOYg).

* Or simply turn on your tap or shower and collect water for 6 seconds.
* Have one person ready to turn tap off when the other says 6 seconds.
* Measure the amount collected and times this by 10 to get amount per minute as a flow rate.

Water audit around home

Record your water use over one day. You don’t need to record drinking water.

|  |  |  |  |
| --- | --- | --- | --- |
| ***Bathroom and personal hygiene*** Taking shower | Free SVG | | | |
| **Water use** | **Amount (L)** | **Tally** | **Total water used** |
| Washing hands or face | 6 L per minute of tap on |  |  |
| Brushing teeth | 6 L per minute of tap on |  |  |
| Shower (low-flow shower head) | 6 L per minute |  |  |
| Shower (standard) | 12 L per minute |  |  |
| Bath (full) | 140 L |  |  |
| Bath (half full) | 80 L |  |  |
| Toilet (half flush) | 3 L per flush |  |  |
| Toilet (full flush) | 6 L per flush |  |  |
| ***Total bathroom/ personal hygiene use*** | | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| ***Laundry***Free vector graphic: Washing Machine, Clothes Washer ... | | | |
| **Water use** | **Amount (L)** | **Tally** | **Total water used** |
| Washing machine (top loader) | 150 L per wash |  |  |
| Washing machine (front loader) | 80 L per wash |  |  |
| Running tap | 6 L per minute |  |  |
| ***Total laundry use*** | | |  |
|  | | |  |
|  | | |  |
| *Dishwasher Dishes · Free vector graphic on Pixabay*  ***Kitchen*** |  |  |  |
| **Water use** | **Amount (L)** | **Tally** | **Total water used** |
| Dishwasher (new) | 12 L |  |  |
| Dishwasher (old) | 40 L |  |  |
| Dishes by hand (in sink) |  |  |  |
| Washing vegetables etc., running tap | 6 L per minute |  |  |
| ***Total kitchen use*** | | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| ***Outdoor use*** Flower & Watering Can Clipart Free Stock Photo - Public ... | | | |
| **Water use** | **Amount (L)** | **Tally** | **Total water used** |
| Watering garden or using hose | 30 L per minute |  |  |
| Sprinkler | 17 L per minute |  |  |
| Watering can | 5–10 L per watering can |  |  |
| Leaks | Estimate the amount of water leaking per day |  |  |
| Other |  |  |  |
| ***Total outdoor use*** | | |  |

**Total water use**

|  |  |
| --- | --- |
| **Category** | **Amount total (L)** |
| **Drinking** | 2 |
| **Bathroom and personal hygiene** |  |
| **Kitchen** |  |
| **Laundry** |  |
| **Outdoor** |  |
| **Total water use in one day** |  |

School Water audit: Water use for one day



Carpark

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Water use | Water used (L)  (averagesly) |  | No. of times used a day (average) |  | Total water used (per person) |
| **Student use** |  |  |  |  |  |
| Drinking |  |  |  |  |  |
| Drinking fountains | 0.5L (500ml) | x |  | = |  |
| Drink bottles | 0.5L (500ml) |  |  |
| Toilet |  |  |  |  |  |
| Half flush | 3L | x |  | = |  |
| Full flush | 6L |  |  |
| Urinals | 10L per flush |  |  |
| Hygiene and cleaning |  |  |  |  |  |
| Washing hands | 1L | x |  | = |  |
| Taps in classroom | 10L per minute |  |  |
| **Total water use per student**  x number of students =  **Total water use: students** | | | | |  |
|  |
|  |
| **Staff use** |  |  |  |  |  |
| Staffroom |  |  |  |  |  |
| Staffroom taps | 10L per minute | x |  | = |  |
| Drinking water | 2L per person |  |  |
| Hot water: kettle | 2L per jug |  |  |
| Dishes: in sink | 6L |  |  |
| Dishwasher | 30L |  |  |
| Staff toilets | 6L |  |  |
| **Total water use: staff** | | | | |  |
| **Other** |  |  |  |  |  |
| Gardens |  | x |  | = |  |
| Vegetable gardens |  |  |  |
| Grounds maintenance |  |  |  |
| **Total water used at school per day**  (total water use: students + total water use: staff + other) | | | | |  |