

Team 4 Survey

Questions:

1. How long do you take a shower for?
2. Do you keep the water running when you brush your teeth?
3. When washing the dishes, do you hand wash, dish wash, or both to the dishes?

Audience:

Our target audience will be teenagers or young adults because that was the age group of the subjects in our survey.

Methodology for Gathering the Answers:

Our methodology for gathering our data will be to survey 25 random students at NPHS.

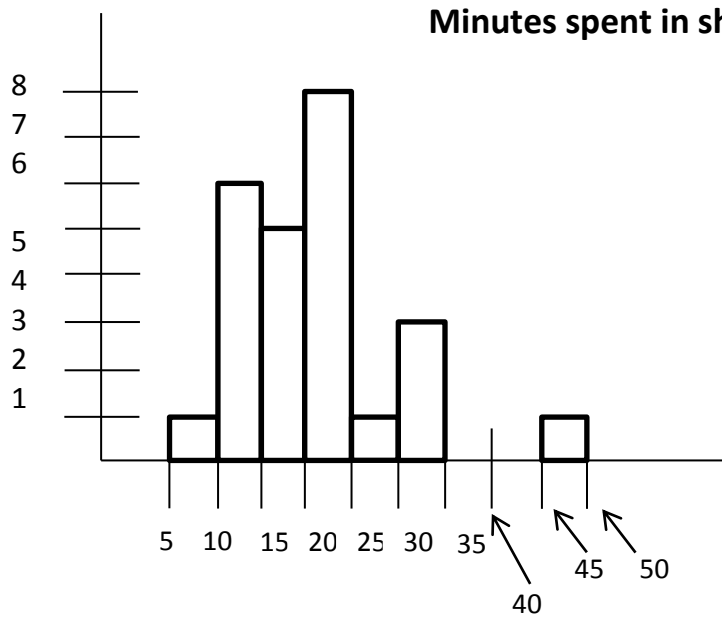
Methodology for Analyzing the Results:

Our methodology for analyzing the results will be to graph our results so they can be easily understood.

Results:

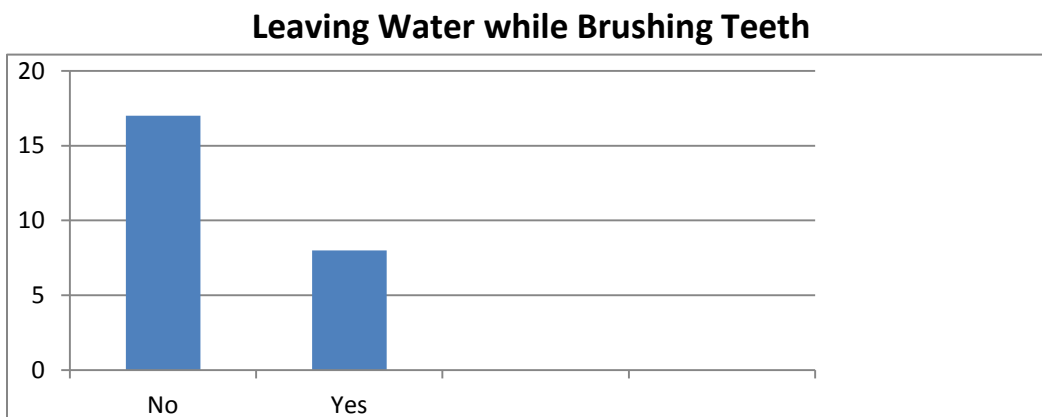
Length of Shower (min)	Leaving Water Running While Brushing Teeth	Hand Wash, Dish Wash, or Both
20	no	both
20	no	both
15	no	dish wash
10	no	both
10	yes	dish wash
15	no	both
20	no	both
20	no	both
10	no	both
12	no	both
20	no	dish wash
45	yes	both
10	yes	hand wash
20	no	dish wash
5	yes	both
15	no	both
20	yes	dish wash
30	yes	hand wash
15	no	hand wash
25	yes	hand wash

30	no	both
15	yes	hand wash
20	no	both
10	no	both
30	no	both



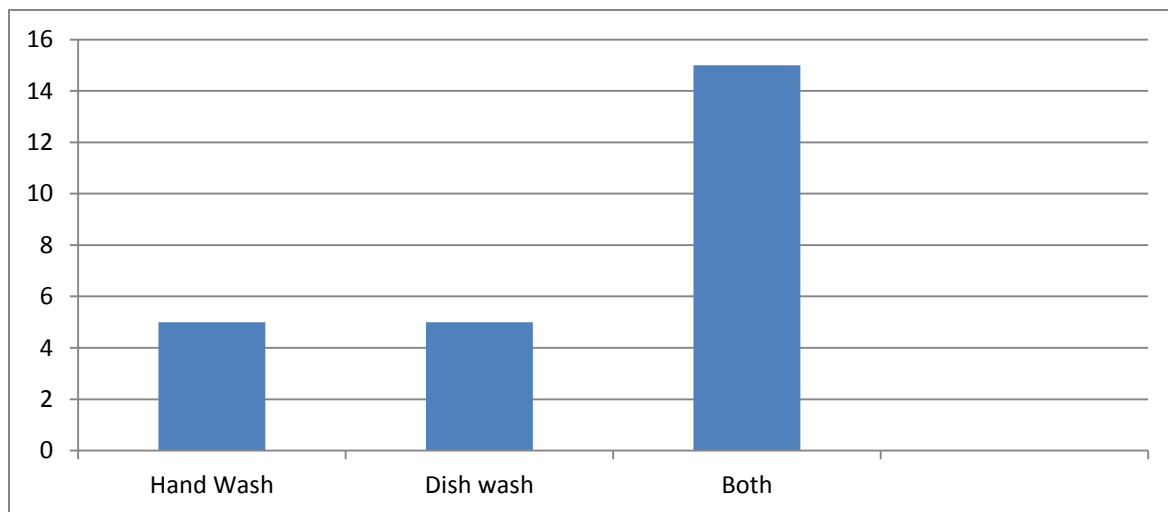
Min: 5, Q₁: 11, Median: 20, Q₃: 20, Max: 45

This histogram clearly explains how often most teenagers take showers for. For our sample, the most showers were between 20-25 minutes long. If teenagers realized how long people take showers for, then maybe they would take showers that were not as long. If this happens, then teenagers would help the world in saving water. Also this histogram shows that this data is skewed to the right.



As shown by this bar graph, most teenagers from our sample do not leave the water running while they brush their teeth. This is a good observation from our study, because it shows that this is one way that our sample does not waste water. Also if other teenagers see this data, then they might decide not to leave the water running while they brush their teeth. Overall, that will save water which will lead to a better environment for next generations.

How People Wash their Dishes



This bar graph represents most of our sample do both hand wash and dish wash their dishes. I believe that doing both of these is just a waste of water. If you are already hand washing your dishes, then it is not completely relevant to put them in the dish washer. Now in days, you can buy a high powered dish washer that can remove food off of the dishes. If people invested in one of these, then they would only need to dish wash their dishes. What I believe people should learn from this survey, is that the best way to save water to further help our environment, would be to only hand wash or dish wash your dishes.

Conclusion

Overall our data shows that teenagers can try better to save more water. Mostly, I believe that our data clearly represents the idea that we were trying to get across. One thing that we could have done better is change the format of our questions. How we could do that is ask more questions that are more free responsive instead of being multiple choice. That way we could get the five-number summary of more than just one question. Besides that, I believe that our

survey will achieve its purpose of helping people realize that there are small things they can do to save water.