

Drew Palser
I Can See Clearly Now

The researcher of this project wanted to determine the most effective method to remove ugly hard water spots from glass using supplies from around the house instead of buying cost effective chemicals or new glass. Before the project took place, the researcher hypothesized that using shampoo with steel wool would work the best leaving fewer water spots on shower doors and windows. Before each experiment the researcher put painters tape vertically down the center of the glass. The experiment was done on the front and back of one side. Pictures were taken to show the results of glass before and after. The shampoo with steel wool got rid of most of the hard water spots and did not streak at all, however it did take some elbow grease. Lemon juice concentrate got rid of some of the hard water spots, did not leave any streaks, and smelled good when done. Toothpaste was harder to deal with, was messier, took a lot of elbow grease, took away most of the hard water spots, and left some streaks. Oxalic acid (Bar Keepers Friend) took away almost all of the water spots and did not streak. The dish soap, vinegar, and water solution left a few water spots and not streak. However, in an enclosed area it was hard to breath and the smell was very strong and lingered in the air for a long time. In the results, the researcher found out that the hypothesis was correct.