

Ariel Bray & Mariah Bray & Trinity Leach  
*Pop-A-Mania*

The experiment was meant to determine which brand of popcorn did the most popping out of a certain number of kernels. The purpose was to do the experiment and tell which brand popped the most so nobody wasted their money on cheap popcorn brands. Popcorn is considered a healthy snack because it is high in fiber and low in fat content, especially if the amount of butter added is minimal. It is also healthier if you used an air popper, eliminating the use of high fat oils. In this experiment, popping oil was used. There are more than 200 brands of popcorn for consumers to choose from. The hypothesis was that the brand Jolly Time was going to pop the greatest percentage of kernels. In the procedure, three different brands of popcorn were tested. The number of kernels was measured using a cup and the same amount of popping oil. The amount of heat for the oil was held constant in all tests before the kernels were added for popping. When the popping was done, the popcorn and leftover kernels were poured into a bowl. The number of popped kernels was compared to the number of unpopped kernels and then compared to the starting number of kernels. The process was repeated twice. There was a significant difference in one brand compared to the other two brands. To make the experiment more successful, the test could have been repeated more frequently and the results averaged. The hypothesis was not correct. Instead of Jolly Time being the best popping corn, the Lakota brand of popping corn produced the most popped kernels compared to unpopped kernels.