With the increase in obesity, heart disease, and diabetes in America over the past few decades, dietary health and nutrition have been identified as critical issues that need to be examined and improved. Changing Americans’ eating patterns is a difficult task given the food environment that has developed in this country. The food environment is defined as the combination of all of the factors that influence food choice; these factors include taste preferences, price, and accessibility of food. The home food environment is influenced by all of these factors and contributes to the types of eating patterns that youth develop. This paper seeks to examine the impact of a high school nutrition education program on home food environments in West Philadelphia. Through comparing the types of food available in homes of students in the program to the types of food available in homes of students not in the program, the study found there were more nutritious foods available in the former group. Additionally, there was no significant difference in the healthiness of foods available in homes that valued nutrition highly, where there was knowledge about nutrition, and in homes in which students spoke with their parents often about the importance of eating healthy.