



The question you will answer with this FACTivity is: According to your own research, do your findings support the findings of this study? The method you will use to answer this question is given below.

## **Students—**

Take three sets of six photographs home and poll three adults. For each set of six photographs, have each adult place the photographs in order of preference, from their first choice to their last choice. Ask the adult to make his or her selection based on which house he or she would pay the most to buy to which house that he or she would pay the least to buy. Ask the adult to write on the back of each card what influenced him or her to rank that particular house in the order that he or she did. Record the rank order, from 1-6, on the front of each set of six cards.

Bring your cards back to class to be analyzed with your classmates' cards. After the results have been recorded on the board, count the number of times each photograph was ranked number 1, number 2, number 3, etc., all the way to number 6. Based on the frequency of each ranking, identify, as a class, which photo was ranked overall the first choice (and most likely to bring the highest price) of the 6. Identify which photo was ranked the least favorite (and most likely to bring the lowest price). If possible, determine the overall rank order of all six photographs, based on the results of the

polling. Read some of the reasons each house was placed in its order.

Answer the question posed at the beginning of this FACTivity. Do the results of this research support the findings in this article? If they do, either House number 2 or 5 should be the first choice overall, and House number 3 or 1 should be the last choice overall.

As a class, discuss your research project. What were the reasons given for the choices made? How often did people mention the trees that surrounded the house? What might be some of the problems with the research? Other than the amount of tree cover surrounding the houses, what other things could have made people rank the photographs the way that they did? Think about things such as the way the houses looked, whether each student asked their questions in the same way, etc.

## **Teachers—**

Before the FACTivity, make three copies of the following page on cardstock for each student. Cut the cardstock to make three sets of six photographs.

After the FACTivity, analyze the results in class. Appoint someone to record the answers on the board. Use the following form as a template.

Rank order 1= first choice to 6= last choice.



**House Number 1**



**House Number 2**



**House Number 3**



**House Number 4**



**House Number 5**



**House Number 6**



	House 3 10% Tree Cover	House 1 20% Tree Cover	House 6 30% Tree Cover	House 4 40% Tree Cover	House 5 50% Tree Cover	House 2 60% Tree Cover
Number each photograph according to your choice 1 = first and 6 = last choice.						
Student 1						
Student 2						
Student 3						
Student 4						
Student 5						
Student 6						
Student 7						
Student 8						
Student 8						
Student 9						
Student 10						
Student 11						
Student 12						
Student 13						
Student 14						
Student 15						
Student 16						