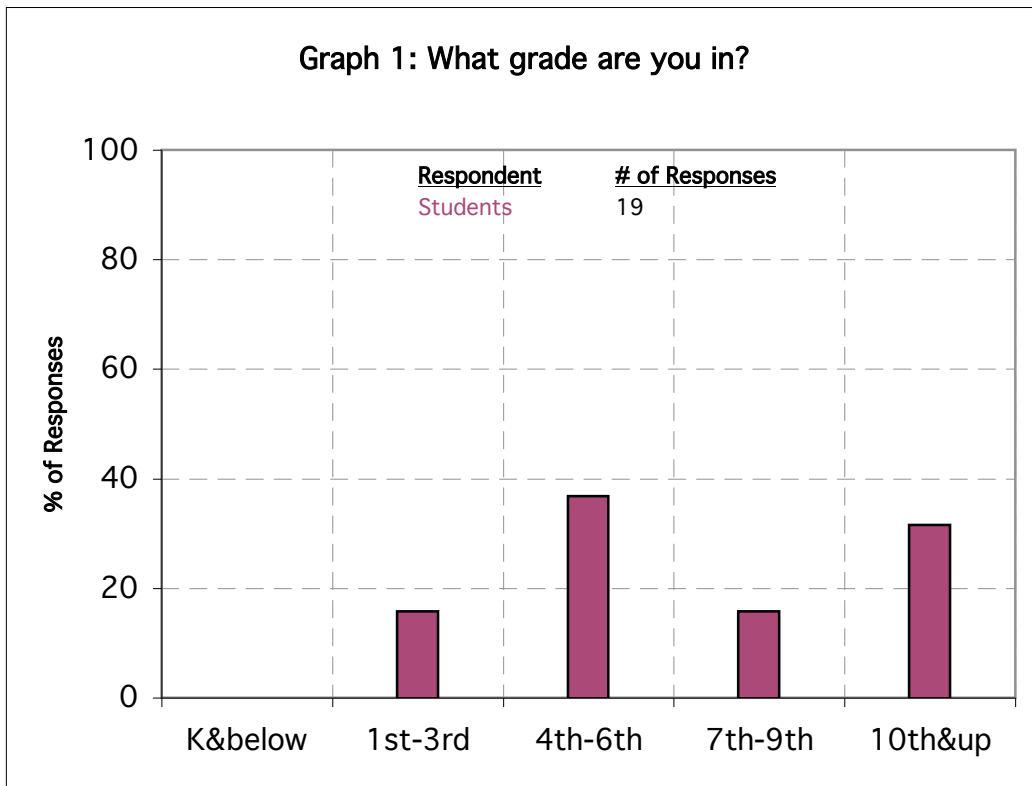


Journey through the Universe
Family Science Night Assessment Results
Hilo, Hawaii
January 21-29, 2005

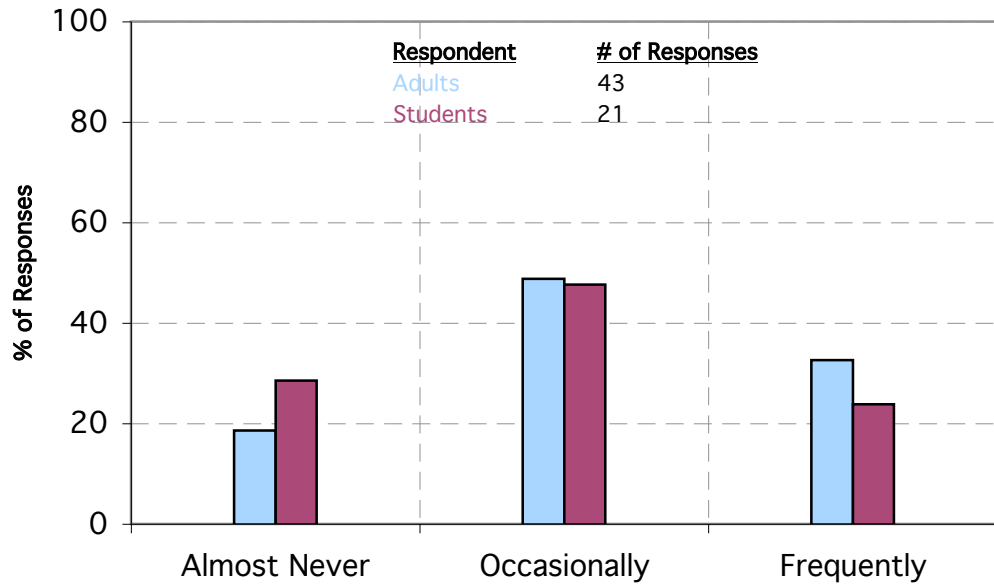
These data reflect responses from adults and students for four Family Science Nights held January 23, 25, and 26 2005, for a combined total audience of approximately 2,500. Note that the order and numbering of the graphs does not correspond to the order and numbering of questions on the adult and student questionnaires. The results reported here are for the fraction of attendees who mailed their completed questionnaires to NCESE.

Number of questionnaires received: Adult: 43 Student: 21

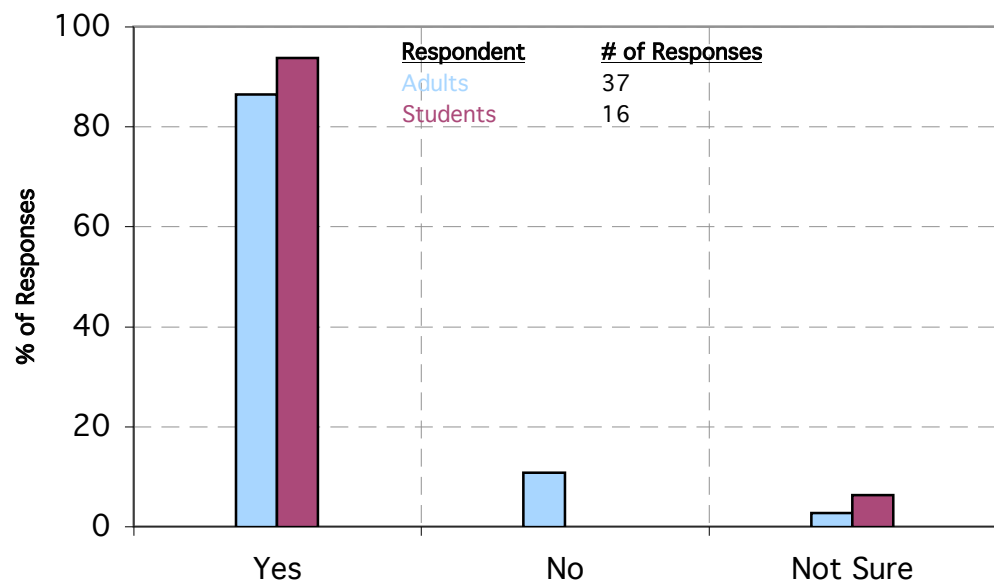
Graph 1: What grade are you in?



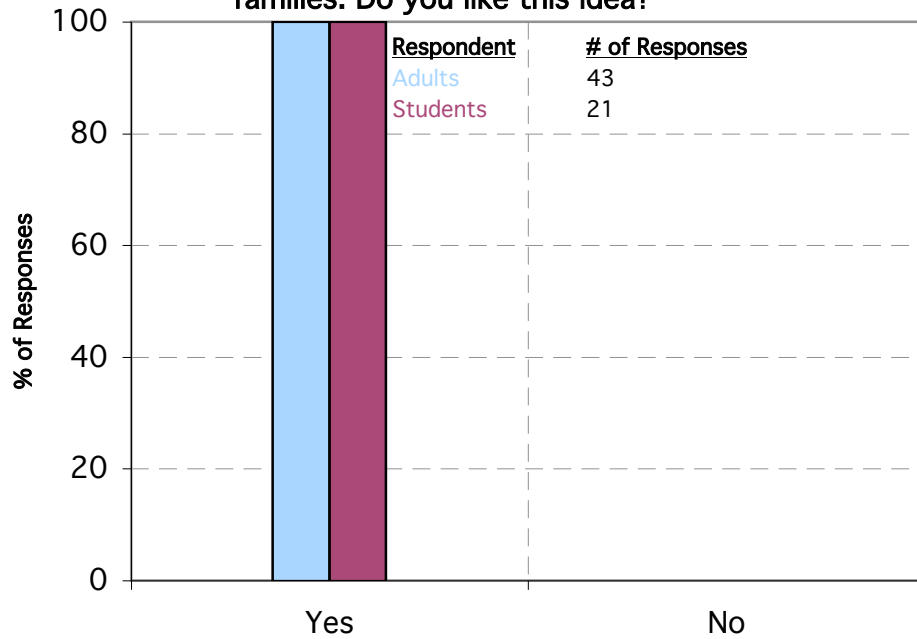
Graph 2: How often do you go on educational trips with your family?



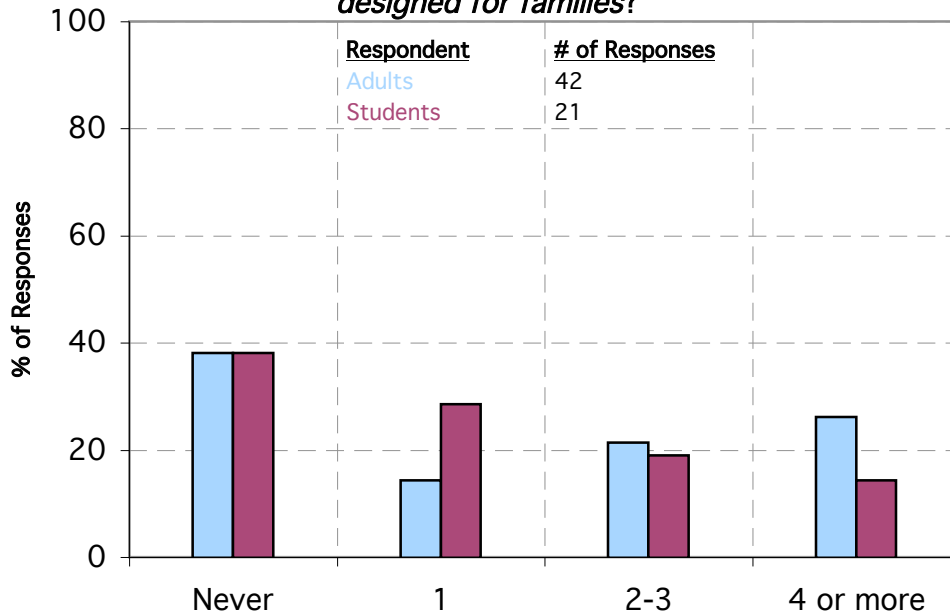
Graph 3: Is science education as important as "reading, writing, and arithmetic"?



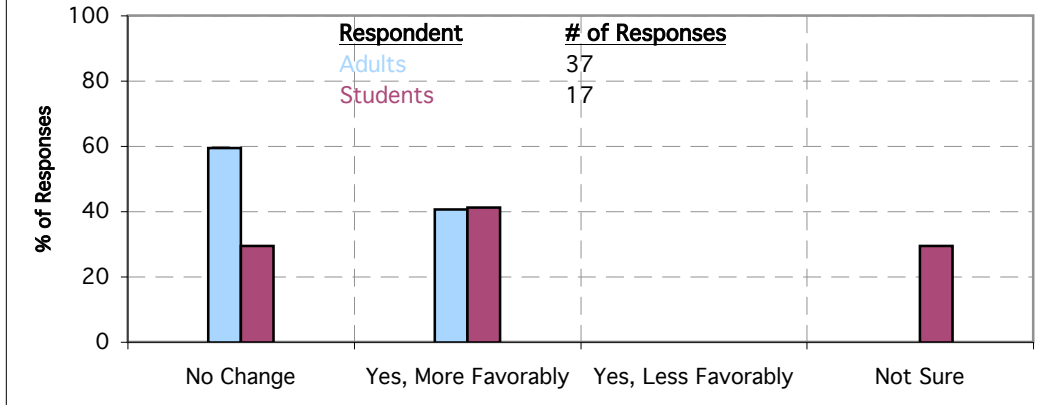
Graph 4: A Family Science Night program is a field trip for families. Do you like this idea?



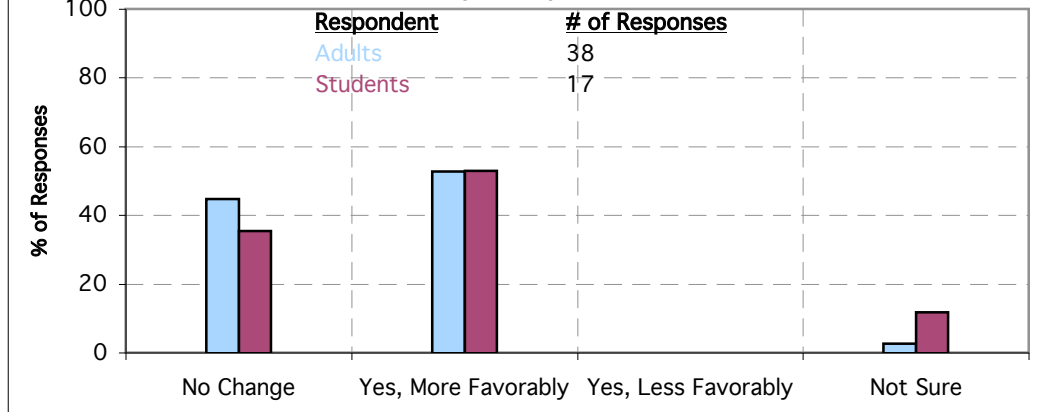
Graph 5: Not counting the Family Science Night program, how many times have you gone on a *school* field trip designed for families?



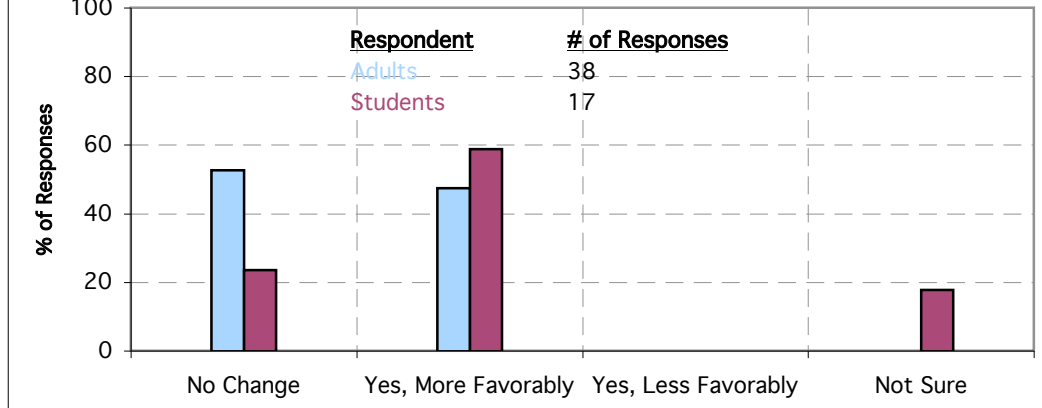
Graph 6: Has the Family Science Night program changed what you think about *science and scientists*?



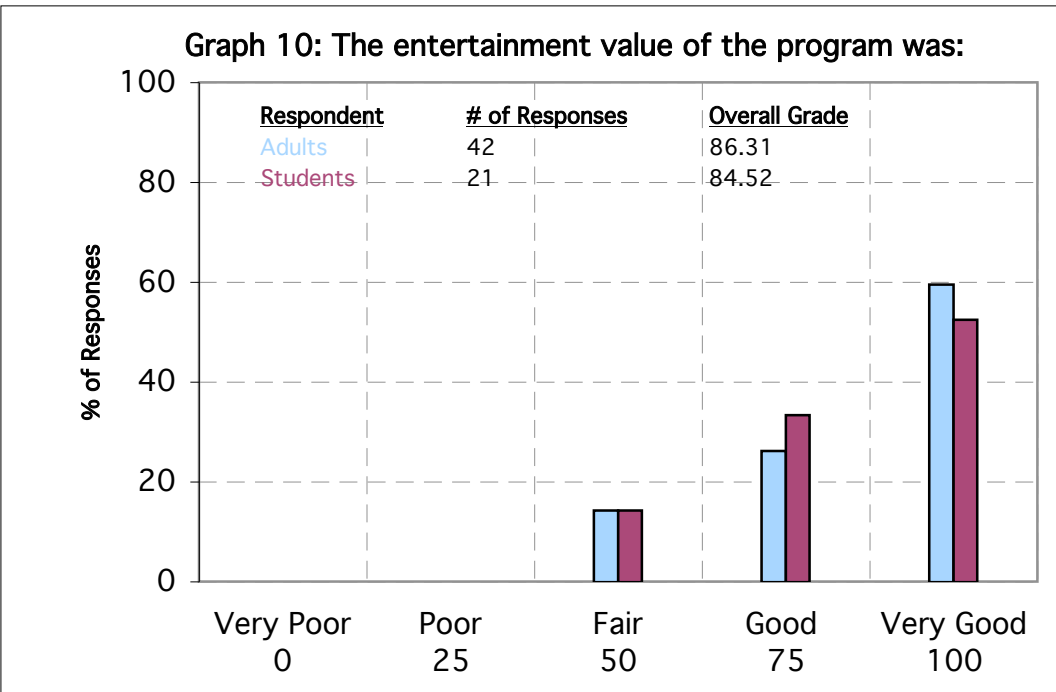
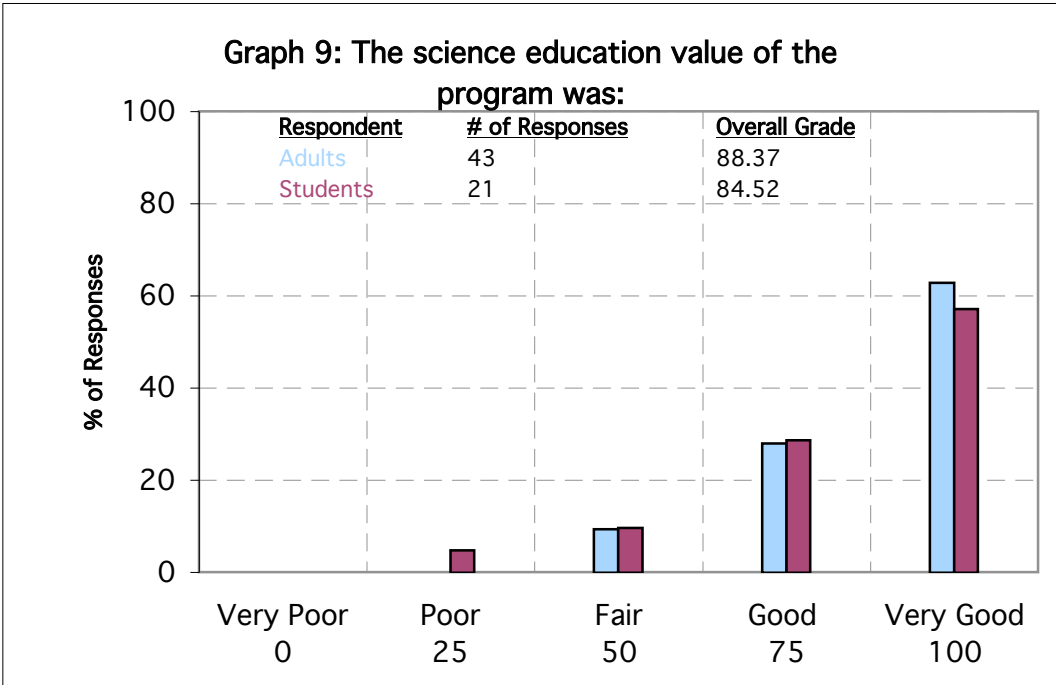
Graph 7: Has the Family Science Night program changed what you think about *space exploration*?



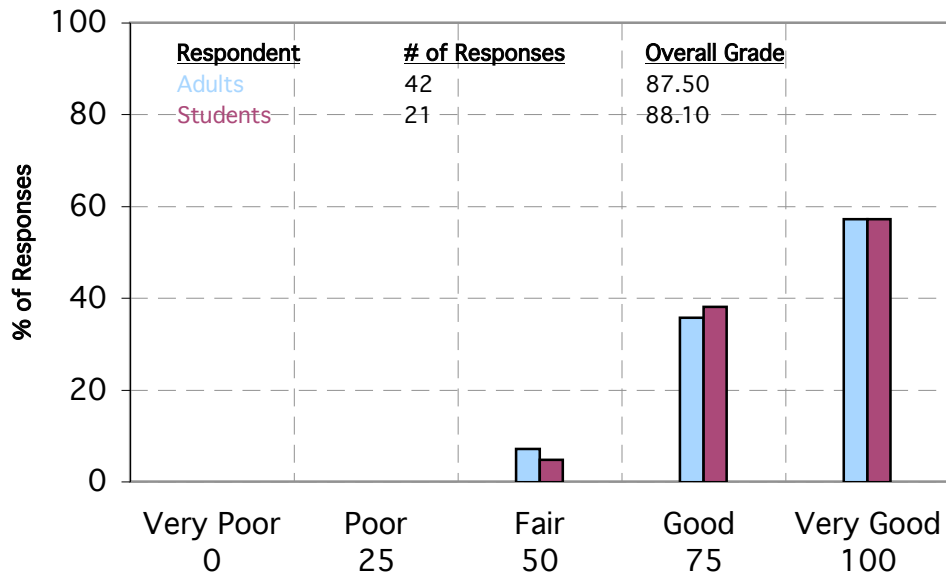
Graph 8: Has the Family Science Night program changed what you think about *science education*?



For Graphs 9, 10, and 11 respondents provided a ranking of 'Very Poor', 'Poor', 'Fair', 'Good', or 'Very Good'. These have been translated into grades of 0, 25, 50, 75, and 100, respectively, in order to obtain an average overall grade. Note that if all respondents provided 'Good' an average grade of only 75 would result. The expectation is a grade of 80 or higher in both adult and student categories.

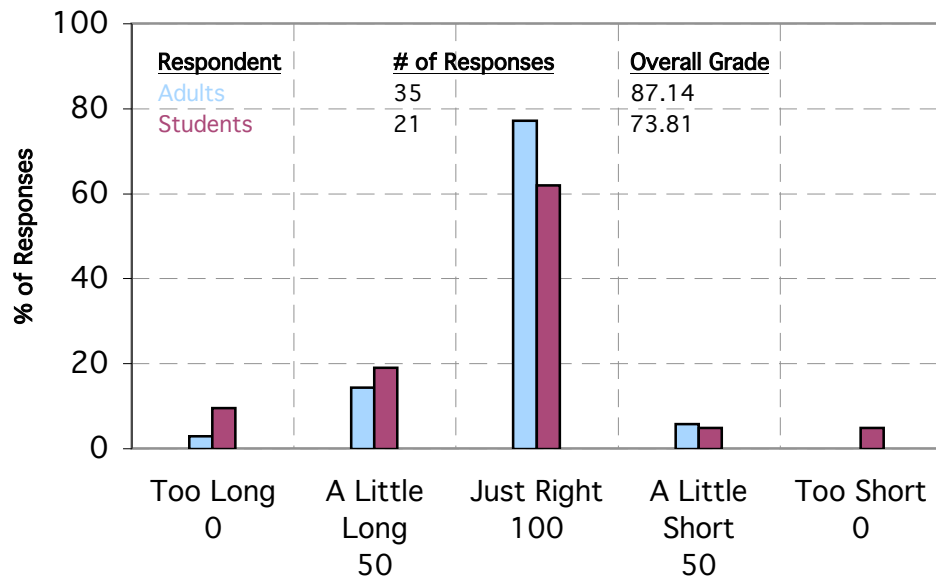


Graph 11: The program format was:

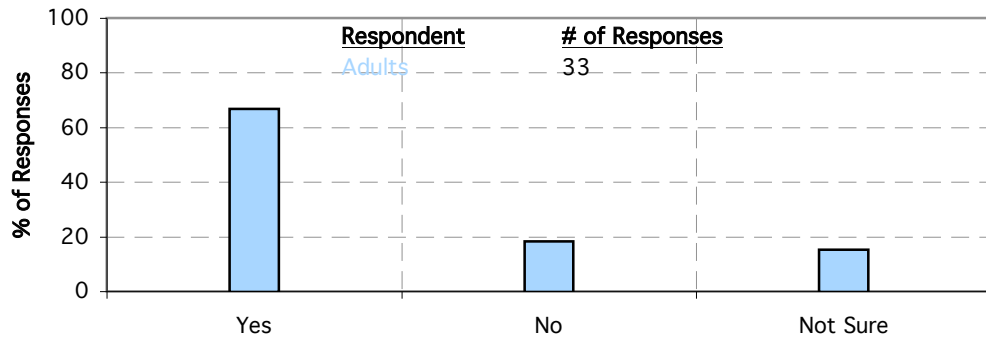


For Graph 12 respondents provided a ranking of ‘Too Long’, ‘A Little Long’, ‘Just Right’, ‘A Little Short’, or ‘Too Short’. These have been translated into grades of 0, 50, 100, 50, and 0, respectively, to obtain an overall grade. ‘Too Long’ and ‘Too Short’ were equally weighted as a 0 given that these responses meant that the presentation did not meet expectations. ‘A Little Long’ or ‘A Little Short’ were weighted as a 50 given that expectations were not fully met. The desired grade is 80 or above.

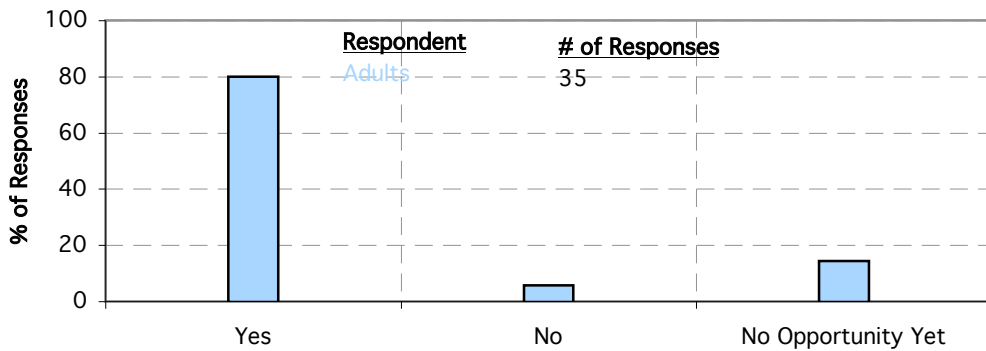
Graph 12: The overall program was:



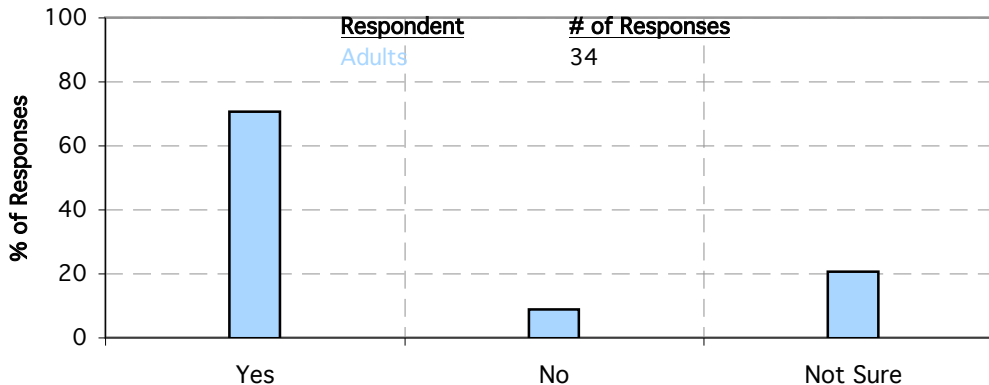
Graph 13: Do you think the Family Science Night program has affected your child?



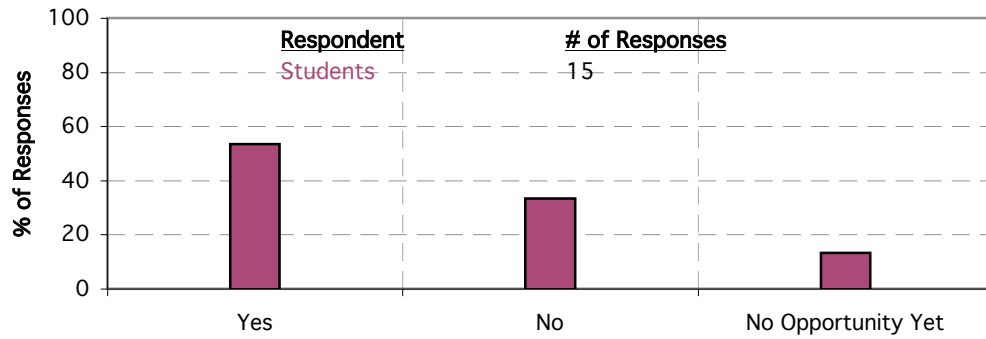
Graph 14: Has the Family Science Night experience led to educational discussions between you and your child?



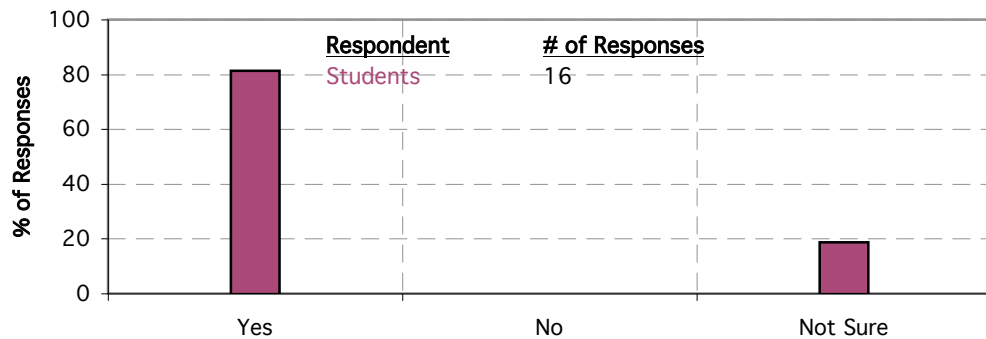
Graph 15: Has the Family Science Night partnership between NCSSE and your community given you new insight into the education of your child?



Graph 16: Has your family talked about what you learned at the Family Science Night?



Graph 17: Do you think the adults that came with you liked the Family Science Night program?



Graph 18: Did the information you learned at the Family Science Night have anything to do with what you're learning in school?

