Table 1.

T-test for parental involvement by the child’s successfulness with the completion of activities

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| --- | --- | --- |
| Child’s successfulness of Completion | Mean  | t-statistic |
| Yes, on their own | 9.60 | -1.0633 |
| Yes, with help | 9.75 |  |

*Note*. p<.05\*, p<.01\*\*, p<.001\*\*\*

The independent variable for this study is the child's/children's successfulness with the completion of goals in the project provided. The item from the questionnaire that was used to operationalize this was "Was your child successful in completing at painting the leaf?". The answer choices for this question were "yes, on their own", "yes, with help", or "no". No parent or family responded option 'C', which was the "no", so all the data analyzing this specific question only assesses the two other responses. The dependent variable is "Does this project encourage the participation of future activities?" The item from the questionnaire that was used to operationalize this was "On a scale of 0-10, would you be willing to do this activity again with your child? (Scale 0-10; 0 = not at all, 10 = a great amount)". The answer choices for this item were on a scale of zero to ten, with ten being most likely to do this activity again. Using a coding system, we found that the t-statistic is -1.0633, and the p-value is 0.2913. P-value is not statistically significant. At surface level, there appears to be an importance of those who answered, "Yes with help" because it implies parents were more involved and hands-on during the activity than the parents who responded with "Yes, on their own", which affects how we view parental involvement in relation to children’s ability of being successful. The data shows that, at large, the difference between 9.60 and 9.75 is not significant.