Table 1.

Independent Samples T-test of involvement by communication with the teacher of Head Start.

|  |  |  |
| --- | --- | --- |
| Communication | Means | t-statistic  |
| Daily or more or Weekly | 9.111 | -6.643 |
| Monthly or less than monthly  | 10.000 |  |

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

The following variables were analyzed using descriptive statistics: Parent communication with teacher and parent involvement with their child. The purpose of this sample t-test is to see whether the take-home activities sent home increased parental involvement rates or not. To operationalize my independent variable, I used the question,” how often do you communicate with your child/children’s teachers at Head Start” with the answer choices of daily or more, weekly, monthly, less than monthly, or never. To operationalize my dependent variable I asked the question,” how much did the Astronaut Pudding activity encourage you to spend time with your child,” with the answer choices ranging from 0-10 with 0 being not at all and 10 being a great amount. The mean was 9.11 for parents that communicated daily or more or weekly, and the mean was 10.00 for parents that reported monthly or less than monthly. For my t-statistic it was -6.64 and my p-value was 3.403e-09. This means there is a significant difference at the .001 level (99.99% level).