**Chi-Square**

 *The relationship between how long it took the young child/children to complete the activity and the effectiveness of the Animal Dice Activity had in engaging parent and child/children’s relationship.*

**Table One:**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  **X-Squared** |  **df** |  **P-Value** |
| **Completion and Engagement in the Animal Dice Game**  |  47.39700 | 32.00000 |  0.03905 |

*Note: p>0.05\*, p> 0.01\*\*, p> 0.001\*\*\**

A Chi- Squared test of independence was performed to examine and analyze the relationship between how long it took a child to complete the Animal Dice Activity that was given out to families and if they activity increased parent and child/children engagement. This test shows the critical value to equal 46.194 with the significance at the 0.05 level. This test shows the relationship between the two variables with the families who completed the survey. The relationship between these variables were significant at the 0.05 level as a result of the calculations through the chi-sqaure.