Original Work Proposal

My topic for my independent study is psychological research. In order to demonstrate my knowledge of my topic so far, I plan to conduct research of my own and synthesize the data in order to compose a data analysis based on the data I collect.

For my original work, I plan to create a survey for students at Reedy High School and its feeder schools. I am going to use the Big Five personality test to poll students for average personality and grade letter in order to look for a correlation between grades and personality in students. I will also poll teachers to find the average percentage for each Big Five personality trait. By doing so, I will answer the question of "does personality influence performance in school? If so, why?". From there, I plan to look at and organize the data. Eventually, I will synthesize this data into a well-organized and in-depth survey analysis that will provide further information about not only the results, but also the implications of the results.

First, I am going to start researching about personality and cognition. This research will help me to gain more background knowledge about this topic and it will allow me to be more informed when drawing my conclusion and writing the survey analysis. I will also look into different theories of cognitive development in order to learn more about how cognitive abilities develop as a person ages. Next, I plan to create the polls using Google Forms and I will send out to teachers and students that are employed or enrolled at Reedy High School and its feeder schools. Then I will send the polls out by contacting classmates in addition to clubs and organizations. In order to have the most accurate results, I will need to conduct research about how to properly obtain a correct sample size and group. By doing so, I can help to eliminate

some of the bias present in the survey responses. I may also need to interview with a professional involved in statistics to learn more about surveys and drawing conclusions. Once I receive all of the responses necessary to the project, I will analyze the data that is shown in the survey in order to prove or disprove my hypothesis that the personalities of students and teachers influence students' performance in school. From there, I plan to synthesize the data in order to write a detailed survey analysis that discusses the results and how they relate to the information collected in my research. The information discussed in this plan will be a combination of background research and survey results.

This project will require an extensive amount of knowledge about my topic, specifically learning, personality, and cognition. This information will allow me to draw a solid conclusion and synthesize the data accurately. It will ensure that the information discussed in the survey analysis is correct and helpful. In order for this project to be as professional as possible, I will need to make sure that the survey analysis is detailed and very thorough. This information will be helpful to the community and school because it will provide information that is relevant to Reedy High School and its feeder schools. Should my hypothesis about the connection between personality and school performance be correct and the plan be accurate enough to be distributed and read by the educators at these schools, it will help them improve their interactions with their students.

This project is going to require a lot time and research, but I am looking forward to beginning this process. By conducting my own research, I can gain more experience and learn more about what my future career in psychological research will require.