CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY

Name(s)

Musaiel Gebremariam; Ryan Le

Project Number

S0409

Project Title

Influence of Math Level and Grade on Number Sequence Recall Accuracy

Abstract

Objectives/Goals

Our goal is to find out if math level and grade make a correlation with number sequence recall accuracy. If someone were to have a high math level, that means there recall accuracy will also be high.

Methods/Materials

Materials that we used our 3x5 index cards for the number sequences. The starting card would have 2 digits, and every card after that would increase by one. For example, the first card would be 13, then the next card would be 578. We would read these numbers slowly and clearly, so the person we are testing understands. The number sequence keeps increasing as the person is repeating all of the digits correctly. Once they make an error repeating, they stop and we record the amount of digits they go up to.

Results

From our results, our hypothesis was not supported by our results. Geometry had the highest average for recall accuracy even though it is considered a low math level. For course grade, B students had the highest average.

Conclusions/Discussion

The math level and grade are not important components of the recall accuracy.

Summary Statement

Even though high math levels and grades have high exposure with numbers, it was not a major factor that affected a student's performance

Help Received

My biology teacher assisted me greatly with my work, and how to improve.