

Methodology:

Educators consistently use techniques to best teach lessons to students, but do students set themselves up to be successful?

A lesson specifically designed to teach students about their brain and how they learn was implemented into the classroom. With the expectation that if a student understands the neurology behind the way the brain learns then they will be more likely to implement positive learning practices.

Can Teaching Neurology Change Behavior?

Behavior Referral Data

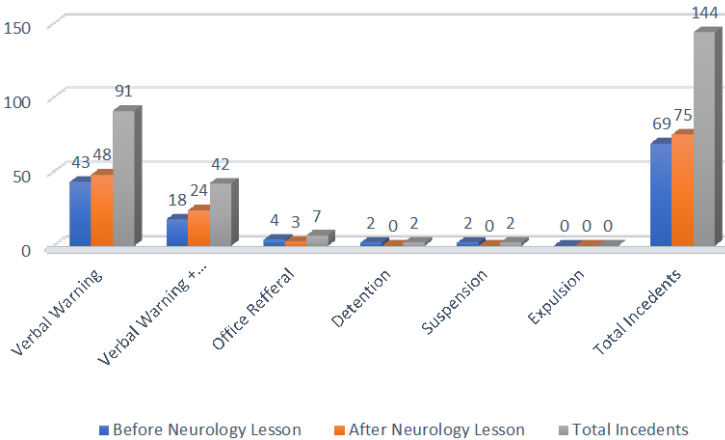


Figure 4. A bar graph that shows the changes in behavior issues from before the neurology lesson plan and after (N=25).



Neurology in the Classroom



What do Students Think?

- “Learning about the brain changes how I will act in class because I know why it is important not to give up”

“I will stick with problems now more than ever. If I don’t understand something, I know that if I keep trying eventually, I will build that connection. “

- “Only you can change the way your brain works, that is pretty empowering”

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2020-2021



Can Teaching Neurology Improve Tenacity?

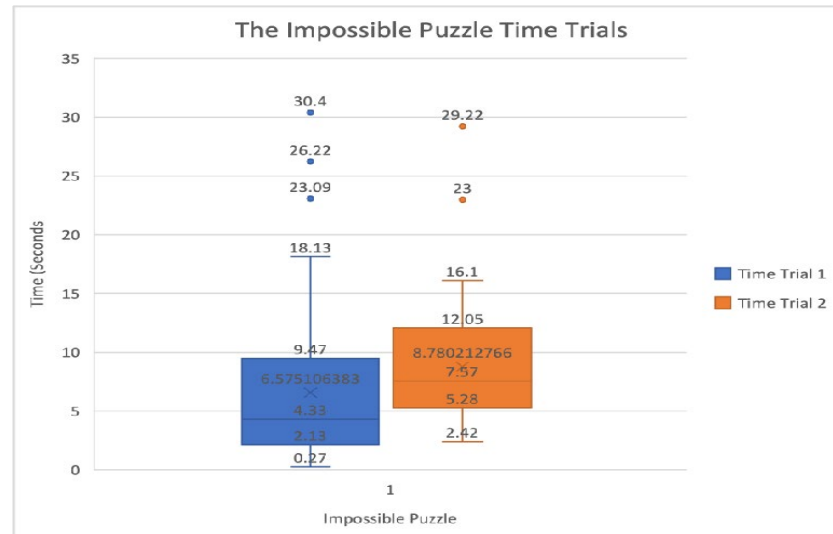


Table 2. The individual breakdowns of the amount of time students took on the Impossible Puzzles. See Appendix D for time trial 1 and Appendix E for time trial 2. See Figure 2 for box and whisker plots of the information. (N=47)

Can Teaching Neurology Impact Test Performance?

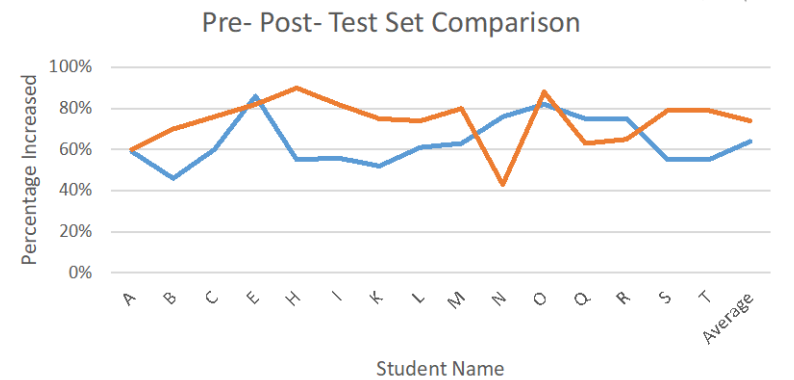


Figure 3. A line graph describing the change in scores of a pre- post- test set when compared to a pre- post- test set after the neurology lesson. (N=15)