Aidan Ellerker
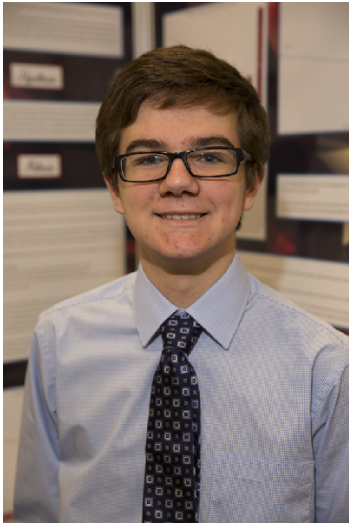
Measuring Information Processing of Images and Words at Varying Rates

Challenge: Information
Category: Intermediate
Region: Cape Breton
City: Sydney, NS
School: Riverview High School

Abstract: The purpose of this project is to determine the rate at which the human brain is able to process information (both images and words) when the pieces of information are displayed back-to-back in a rapid manner. Human participants were shown a video consisting of sets of 10 images or words and were asked to identify any images or words they could.

Biography

Inspiration for my project came when I "fell down the rabbit hole" of cognitive psychology, so to speak. I find the field very interesting. For any other students thinking about doing a project, I'd say that you should choose a topic that interests you and that hasn't been done before. Lists of science fair projects online never got anyone anywhere. As a career, I know I want to work in a STEM field, but I'm not dead-set on any particular one. As of now, I'm considering becoming an electrical engineer.