

CWSF 2016 - Montreal, Quebec



Danish Mahmood

Efficiency Deficiency: Impact of Cervical Spine Curvature on Brain Efficiency

Challenge: Health

Category: Junior

Region: Thames Valley

City: London, ON

School: Ryerson P.S.

Abstract: Billions of people now walk around hunched over their smart gadgets. Technology was developed to ease the workload, but it is lowering our brain efficiency at the same time. The goal of this project is to show the relationship between the cervical spine curvature and brain efficiency. This research can lead to prevent many health issues related to reduced functionality of the brain.

Biography

I am a grade 7 student at Ryerson Public School in London Ontario. I am in the gifted program and participate in many extra curricular activities (cross country, track and field, school services). I enjoy all sports including soccer, basketball and badminton as well as have a passion for conceptual art (designs and layouts). As a hobby I listen to music, play chess and read books. I have won several awards in math contests held by the University of Waterloo, Brock University as well as science, language and Lego competitions. I have competed in Thames Valley Science and Engineering Fair since 4th grade and won the Western Research and Imagination award last year in grade 6. I love studying science and learning new concepts in math as well as watching documentaries on the universe and quantum mechanics. I was inspired to do this project after the constant daily reminders for keeping our posture straight while working on the smart devices. My advice for newcomers to the science fair is to make a project that you are interested in, follow the scientific method and be confident in your material. I would like to peruse my career in medicine or research.

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040