CWSF 2009 - Winnipeg, Manitoba

Kurt Schulz, Rebecca Akong

Aerodynamic Lift

Division: Health Sciences / None
Category: Senior
Region: St. James-Assiniboia
City: Winnipeg, MB
School: Collège Sturgeon Heights Collegiate
Abstract: Our project is mainly focused on how Aerodynamic lift has been applied in many sectors of the real world, particularily aviation. It also includes a couple of experiments which prove the existence of Bernoulli's effect as it's stated. However, it is mainly focused on how airfoil designs have changed over the years as a result of a greater undstanding of Bernoulli's principle.

Biographies

Kurt - I consider myself quite a busy person who has little time outside of extracurricular and school activities. As for school, I am currently in the IB academic diploma program, and am taking part in a student initiative pilot project for the implementation of a student independant study program in my school division. Outside of school, I must do a lot of volunteering and physical activity to statisfy a particularity of IB. I volunteer at the Deer Lodge Centre senior home, I conduct english lessons for a sudanese refugee family with four of my friends and I also play and officiate both soccer and hockey. I am also an air cadets, and am in band, t...

Rebecca - Sturgeon Heights Collegiate's Rebecca Akong, 17, is one of few International Baccalaureate Diploma Program French Immersion students. A multi-instrumentalist and vocalist comprehensively studying music of the classical and jazz varieties, she is a trained pianist of 12 years. Rebecca is involved in St. James' Senior Divisional Choir, Sturgeon Heights Symphonic and Grade 11 Jazz bands, etc. An esteemed member of St. James' musical theatre scene, her extensive training in acting has garnered much praise for several lead roles. Rebecca has appeared in more than 15 theatrical productions. Although interested in film, she has always been mor...

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