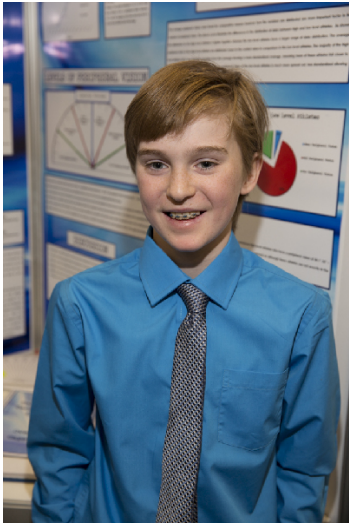


CWSF 2016 - Montreal, Quebec



Owen Burke

Taking a Look at Peripheral Vision in Athletes

Challenge: Health

Category: Junior

Region: Cape Breton

City: Sydney, NS

School: Malcolm Munroe Memorial Jr High School

Abstract: This project determined if high-level athletes had better peripheral vision compared to low-level recreational athletes. A test was designed to collect 18 data points for each of the 50 participants. This data was used to analyze eye strength, eye balance and overall peripheral vision. Results showed that high-level athletes have better overall eye balance and have an overall vision in the far peripheral vision range.

Biography

Hi my name is Owen Burke and I am a grade 7 French Immersion student at Malcolm Munroe Middle School. I love to play hockey and I play defence, and that is where I got my inspiration for this project! When I play defence in hockey, I have to go into the corner to get the puck sometimes, and when I do, I have to check behind me for other players. One day I was thinking, "what is that called when you see things out of the corner of your eye?" So I did some research and I found out it was called "Peripheral Vision". Then I thought "Do higher level athletes have better peripheral vision than lower level athletes?" That's how I thought of my project! I also play golf, lacrosse, and soccer. I also have played the piano for 8 years and I also play the saxophone.

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