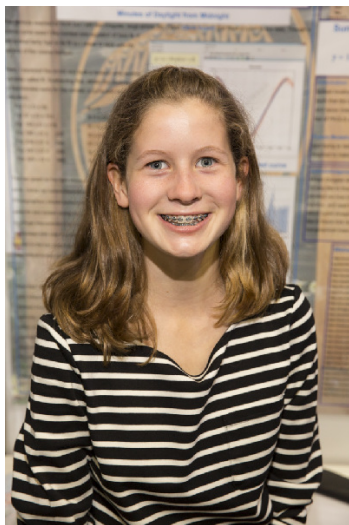


ESPC 2015 - Fredericton (Nouveau-Brunswick)



Janet Dawson

Goodnight Sun!

Défi: Découverte

Catégorie: Junior

Région: Vancouver Island

Ville: Victoria, BC

École: Gordon Head Elementary

Sommaire: I photographed sunsets over thirteen months and recorded sunset direction and time. During that time, I built formulae to predict sunset direction and time from the top of PKOLS, a park on Vancouver Island. My formulae are accurate within plus or minus five degrees and plus or minus five minutes. In comparison, computer algorithms predict sunset time within plus or minus one minute.

Biographie

Ever since grade three I have been fascinated by astronomy, and wanted to be an astronaut. Everything about the unknown, and how everything started is just so interesting to me. People look at the stars and say it tells us about the past, so I wanted to look at the sunsets and see what they tell me. As for my further investigation, I would really like to eliminate all time errors in my formula, and look at the sunrises as well as the sunsets. My advice to other students doing a project would be to have determination. Keep at it, and don't stop until you are 100% satisfied with the results, because in the end it pays off to go the extra mile in science fair.

Prix

Valeur

Prix d'excellence en astronomie Commanditaire: La Société royale d'astronomie du Canada	500,00 \$
Prix d'excellence - Junior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	
Prix du défi - Découverte Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 500,00 \$