

CWSF 2015 - Fredericton, New Brunswick



Patricia Humer

La chromatographie des bonbons

Challenge: Discovery

Category: Junior

Region: Central Okanagan

City: Kelowna , BC

School: KLO Middle School

Abstract: Avez-vous déjà demandé combien de colorants différents sont dans votre couleur préférée de bonbons M&M? J' ai extraité un peu de colorant et après j' ai utilisé chromatographie pour séparer les colorants et trouvé la réponse. Pour identifier les différents colorants j' ai calculé le facteur de rétention de chaque colorant (la distance parcourue par le colorant / distance parcourue par le solvant)

Biography

Hi, my name is Patricia Humer. I live in Kelowna B.C. I am in grade 7 at Ecole KLO Middle School in French immersion. This is my first time going to the Canada-Wide Science Fair. I got the inspiration for my project browsing the website my science teacher recommended, Science Buddies. There I saw something about candy, chromatography and colours. Candy and colours had always interested me, but I did not know what chromatography was, so I became very interested and researched it and put my own spin on the project . For further investigation I think I would try to get a bit more information about the dyes in the M&M's (ingredients) or testing different candies. If I had to give advice to other students thinking about doing a project it would be that, you have to pick a project or topic that interests you because it is a lot more fun if you enjoy the project you are doing. My hobbies include playing soccer, sailing and Irish dance. In band I play the french horn and the trumpet. Out of school I play the piano. My dream job would be a cardiologist.

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