

CWSF 2013 - Lethbridge, Alberta



Janelle Salm, Shaylin Pillay

The Effect of Various Wavelengths of Light on Yeast

Challenge: Discovery

Category: Intermediate

Region: Regina

City: Regina, SK

School: Campbell Collegiate

Abstract: Our project consisted of exposing Quick Rise yeast to various wavelengths of visible light to test if the wavelengths had an effect on the yeast by measuring the yeast samples release of CO₂ during a chemical reaction with water and sugar. By using our information, we can advise yeast companies as they harvest and market their product.

Biographies

Janelle - My name is Janelle Salm and I am a Grade 10 student at Campbell Collegiate in Regina, Saskatchewan. At school, I am in the International Baccalaureate Program as well as many extra-curricular activities including Business Club, Yes You Can Theatre (a program working with alternate education students), choir and I am also the captain of my basketball team. Outside of school, I play piano and love to bake and travel. Last year, I was awarded with the Dr. Eric Lepp Memorial Award for succeeding in academics, athletics and community involvement as well as the highest proficiency award for my grades. My science fair project came from my passion fo...

Shaylin - Hi my name is Shaylin Pillay. I am a Grade 10 student at Campbell Collegiate in Regina Saskatchewan. This will be my first National Science fair. I am enrolled in the I.B program at the school, and my favorite subjects are math and science. I enjoy a variety of sports, such as football, water polo, handball, and ultimate Frisbee, but my favorite is water polo. During the summer of 2011, I was selected to a junior national team that participated in tournaments in Serbia and Turkey. After high school I plan on attending university, studying science or business. Janelle and I got inspiration from our project from two of our interests; baking and...

Awards

Value

Australian National Youth Science Forum Award	\$2 500
Total	\$2 500