

## ESPC 2013 - Lethbridge (Alberta)



### Benjamin Stephen

#### Healing With Resin

**Défi:** Santé

**Catégorie:** Junior

**Région:** Strait

**Ville:** Antigonish, NS

**École:** St. Andrew Junior School

**Sommaire:** This project is based on the healing properties of tree resin by testing if resin can hinder the growth of bacteria. "Why should we care?". It could potentially help us to find new ways to fight infection. From my results I can draw the conclusion that tree resin in general will inhibit the growth of gram-positive but not gram-negative bacteria. I want to investigate further.

#### Biographie

I have always tried to bite off more than I can chew, whether it involves academics, sports or work. I'm currently 14 and in grade 8 at Saint Andrew Junior School, while also playing hockey and softball competitively. I have the mind set to do things to the best of my abilities. The other side of my life revolves around the woods. I live surrounded by trees and I enjoy hiking and fishing. The forest also inspired my project about the healing power of tree resin. Since it has been put on wounds, could it stop the growth of bacteria? My grade 3 project tested the same concept with mold. In the future I hope to further the project by doing a series of tests to see if the data is consistent, and study trees in differing conditions to see if it has an effect on the resin. My advice for other students doing a project is to do it on something that interests you and is of use to society. Start early and think it through. Above all have passion for your project - only 1 word, 7 letters, but it means a lot more.

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