

## CWSF 2016 - Montreal, Quebec



### Karun Sabesan

#### Are You Cavity Free?

**Challenge:** Health

**Category:** Junior

**Region:** Toronto

**City:** Toronto, ON

**School:** Churchill Heights P.S.

**Abstract:** Almost all people have cavities at least once in their lifetime, but how can we prevent them by using toothpastes? The bacteria in our mouths produce lactic acid that demineralizes tooth enamel. For this experiment, teeth, treated by different toothpastes were put into vinegar and the percentage of calcium hydroxyapatite lost was measured. As a result, Sensodyne, Pro-Namel was the most effective toothpaste.

#### Biography

I, Karun Sabesan am twelve years old and foster a great interest in Science. I am an aspiring scientist, competitive athlete, and a passionate musician. I currently study at Churchill Heights Public School and am in seventh grade, in the gifted program. In school, I am a throughout Honour Role Student and have also participated in sports and many other extracurricular activates through which I have received various medals from. I am also very passionate about singing. From the age of three, I have been learning Indian classical as well as Western music and have won many awards. I like the fashion of dentistry and want to become an Oro-Maxillo-Facial surgeon to serve the community. I am very curious to know about our environment and the bad effects various industries have on it both locally and globally. I am trying to understand the conflicts and find solutions to solve them using the scientific methods. I hope to help people understand the importance of our environment and why we should take care of it.

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