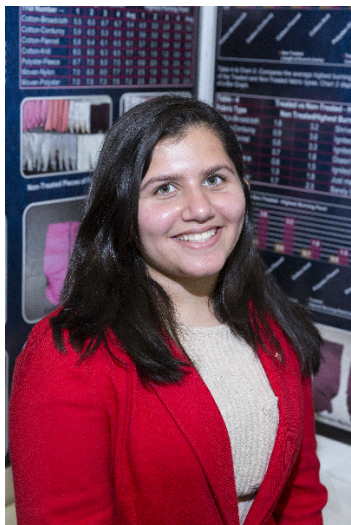


## CWSF 2018 - Ottawa, Ontario



### Vrinda Vyas

#### How Does Fabric Softener Affect the Flammability of Different Types of Fabrics?

**Challenge:** Discovery

**Category:** Junior

**Region:** Bison

**City:** Winnipeg, MB

**School:** Holy Cross School

**Abstract:** My project is on how fabric softener affects the flammability of different fabrics. Burned variety of cotton and polyester based fabrics and compared the results. I wanted to see if there was a safety risk for adults and children wearing clothes that are treated with fabric softener. My results will help you determine whether or not to wear clothes that are treated with fabric softener!

#### Biography

Hi, my name is Vrinda Vyas and I am a grade 8 student at Holy Cross School in Winnipeg, Manitoba. I am interested in many things, one is being able to attend Stanford University, School of Law. I am also interested in sports such as Basketball, Volleyball and Badminton. Cadets is also a very special part of my life! I am a Flight Corporal in the 199 Royal Canadian Air Cadet Squadron. Cadets has taught me so much about independence and leadership. Moments that I have had in cadets with some of my best friends, are moments that I will cherish forever! I also love to travel! I have always wanted to go to Paris and Italy. One day when I grow old enough, I would love to travel around the world. I have been participating in science fairs since grade 4 and it all started when I joined Holy Cross. At my regional fair which was the Bison Regional Science Fair, I won a gold medal, a plaque which was for the best in the category of Microbiology and Chemistry and of course a chance to participate in the Canada Wide Science Fair!

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