

## CWSF 2011 - Toronto, Ontario



### Prathana Nathan

#### Automatic Fire Extinguisher

**Challenge:** Innovation

**Category:** Intermediate

**Region:** Annapolis Valley

**City:** Falmouth, NS

**School:** King's-Edgehill School

**Abstract:** My project is an invention: An Automatic Fire Extinguisher. This device will sense smoke from a fire, it will turn to the direction of the fire and put it out automatically! There are five main components to this device: a smoke detector, a rotating device, a spraying device, an infrared sensor and an aerosol fire extinguisher. They all work together to extinguish the fire.

#### Biography

My name is Prathana Nathan. I am a grade nine honors student. I go to King's Edge-hill School in Windsor, NS. I like to dance, play basketball, volleyball, badminton and tennis. I volunteer at a nursing home every Monday and sometimes when I'm on break. I also volunteer at many other school and community activities. My hobbies are painting, drawing; coloring and recently I started scrapbooking. My main interest is school; I love all my school subjects but my favorite subjects are math, science and art. I am actually planning to get a medical degree and become a family physician or pediatrician. I will be able to become a doctor at this rate. So far I got an academic award in grade six and I got a highest average award throughout my whole grade in grade eight. In 2009 I got a third place ribbon at my school science fair and was qualified to go to the regional science fair. This year (2011) I got first place in my school science fair and I am going to nationals!