

## CWSF 2011 - Toronto, Ontario



### Rebecca Leclair

#### Spitter Spatter What's The Matter?

**Challenge:** Discovery

**Category:** Junior

**Region:** Rideau-St. Lawrence

**City:** Lyn, ON

**School:** Lyn/Tincap P.S.

**Abstract:** This project tested to see if it was possible to find the precise origin of medium velocity blood spatter. The origin was found by measuring the blood droplets and applying trigonometric functions. It was possible to find the approximate origin but it was not very precise. One would still be able to tell whether the victim was lying, sitting or standing.

#### Biography

I am in my final year at Lyn Public School, near Brockville, Ontario. I am a well rounded, academically driven student who strives to do well in all subjects. I have a passion for music; play Grade 6/7 Royal Conservatory piano and flute in the school band. My love for drama includes school plays and participating in my church's youth puppet and drama ministry. I also enjoy being part of soccer and volleyball teams. Recently being chosen for an enrichment program at Queen's University allowed me to explore more deeply my interest in Pathology/Forensic Science. I am told I have strong abilities in art and design and was rewarded with the Media Award for best display at this year's Regional Science Fair. Other merits at the fair included 2nd Place Best of Fair, Euclid Math Award and 1st in Biological Science. If I could somehow combined a career in music and forensic science I would be very happy.