

# CWSF 2015 - Fredericton, New Brunswick



## Nick Cusack

### Need A Hand?

**Challenge:** Innovation

**Category:** Junior

**Region:** Fundy

**City:** Summerville , NB

**School:** Macdonald Consolidated School

**Abstract:** While wearing a cast I realized people can't freely move there fingers to grasp objects .So I wanted to invent something that allows them to pick up objects while wearing a cast,resulting in my prototype.

### Biography

My name is Nick Cusack, I live on the Kingston Peninsula just outside of Saint John, New Brunswick. I am in grade 8 at Macdonald Consolidated School (MCS). I love to play sports, soccer and hockey are my favorite. I got the inspiration for my project from my brother's friend who broke his arm and still drove his car. I didn't think this was safe to be doing with only one arm so I built a device that would allow people to be able to grasp objects while wearing a cast. I have broken both my arms when I was young so I knew the difficulties of wearing a cast. I would like to keep working on my prototype to make it more versatile and compact. I would also like to work with the cast itself to make it easier to work with. Advice I would give to others is to take lots of time thinking about your ideas and building on them.

### Awards

### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000