

# CWSF 2018 - Ottawa, Ontario



## Kalie Bennett

### Coloured Overlays: A Dyslexic's Friend?

**Challenge:** Health

**Category:** Junior

**Region:** Yukon Stikine

**City:** Whitehorse, YT

**School:** Golden Horn Elementary

**Abstract:** I have a learning disability in reading and wanted to test whether coloured overlays can improve reading. I measured speed, accuracy and fluency of 4 participants while reading with 6 different coloured overlays. My reading improved with blue overlays but colour did not affect the other participants. This shows that some dyslexics can be helped with a simple adaptation, which will help them for life.

#### Biography

I am a 12-year-old grade 7 student from Whitehorse, Yukon. I have a learning disability in reading which is making learning very challenging for me, but I am very active in sports. I've been wanting to find ways to help improve my reading. For the science fair project, I tested one of the adaptations I have been using at school because I wanted to see whether it actually made a difference. I am excited to have made it to the Canada-wide Science Fair because I wanted to demonstrate that a learning disability shouldn't stop you from going far and I want to encourage others with reading problems to find solutions to their problems. I would like to raise awareness of the challenges of learning disabilities and remind people that some famous and important scientists struggled with learning disabilities too.

#### 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