



## CWSF 2020 - ,

## **Ariana Davidson**

## **Liquid Optics**

Challenge: Health
Category: Intermediate
Region: East Kootenay
City: Fernie, BC

**School:** The Fernie Academy

**Abstract:** This project applies liquid lens technology to optometry in order to replace

the phoropter to increase access to vision care for people around the globe. In the project the technology is used to decrease the size, decrease the cost and reduced the weight. The goal of the project is to design a resilient, reliable, compact phoropter as to accurately diagnose vision impairments.



