

Canadian Light Source (CLS)
VIRTUAL Educators' Science Project August 9th-13th 2021
FINAL SCHEDULE

Virtual Platform Used for Workshop: Zoom

Workshop Webpage: <https://sites.google.com/lightsource.ca/virtualclassroom/for-educators/educators-science-project>

MONDAY AUGUST 9TH

Virtual Hangout *OPTIONAL* **9:30AM - 10:00AM (CST)**

Opportunity for teachers to connect before the first session to address any technical difficulties. Use the same link as session one.

Welcome & Intro **10:00AM - 11:30AM (CST)**

Welcome from CLS

[\(Click here to join\)](#)

Introduction to CLS & the Education Programs

Breakout Rooms

Weaving Ways of Knowing Together: Science Leadership **1:00PM - 2:30PM (CST)**

Bernie Petit - Education Coordinator Indigenous Programs

[\(Click here to join\)](#)

Perspectives in Science

Discussions

TUESDAY AUGUST 10TH

Virtual Tour of CLS **10:00AM - 11:30AM (CST)**

Dr. Robert Blyth - Science Projects Manager

[\(Click here to join\)](#)

Looking at the Facility

Q & A

Connections to Physics **1:00PM - 2:30PM (CST)**

Education Team

[\(Click here to join\)](#)

Machine & Optics Concepts

Classroom Connections

Breakout Room Discussions

WEDNESDAY AUGUST 11TH

Soil Context & Experiment Prep **10:00AM - 11:30AM (CST)**

Education Team

[\(Click here to join\)](#)

Characteristics of Soil

Visual Review of Samples

Technique Discussion

IDEAS In ACTION **1:00PM - 2:30PM (CST)**

Dr. David Muir - IDEAS Scientist

[\(Click here to join\)](#)

Technique Discussion Cont'd

Real-Time Soil Experiment on IDEAS

Data Discussions

THURSDAY AUGUST 12TH

Research Story **10:00AM - 11:30AM (CST)**

Dr. Gosia Korbas - BioXAS Scientist

[\(Click here to join\)](#)

Science Research at CLS

Discussions, Q & A

Connection to Science Curricula **1:00PM - 2:30PM (CST)**

Education Team

[\(Click here to join\)](#)

How science research connects to different curriculum

Breakout Room Discussions

FRIDAY AUGUST 13TH

Education Program Stories & Opportunities **10:00AM - 11:30AM (CST)**

Education Team

[\(Click here to join\)](#)

Exploring inquiry with Students on the Beamline & Other Examples

Q & A

What's Next for Your Classroom? **1:00PM - 2:00PM (CST)**

Education Team

[\(Click here to join\)](#)

How you can explore other inquiry and research possibilities

Breakout Room Discussions

*If you have questions, please contact education@lightsource.ca
We look forward to seeing you!*