

# VIRTUAL EARTHSCIENCE HUB

A free, interactive resource to support classroom & lab learning

## OVERVIEW

The learning landscape is changing: an increase in demand for online learning coupled with the necessity to pivot to a virtual classroom environment in the time of a global pandemic has meant that training institutions are being asked to be responsive and innovative in finding solutions for their teaching material, labs, independent learning and practicums. To support the transition to online learning, CTEM is working with the earth-science non-profit Below BC to create a Virtual Earthscience Hub focused on the British Columbia landscape.

The Hub is scalable and adaptable to a variety of levels and disciplines. CTEM is exploring funding opportunities and would love your feedback on how it can best support your needs.

## OPPORTUNITIES

The Virtual Earthscience Hub has a number of current learning opportunities that can be used today. Students will explore high-resolution trilobites and rock samples and interact with "gigapan" imagery to collect their own structural data, create maps, logs and a range of other field data used for analysis. The following are currently available:

- [Virtual field school](#) (Kitsilano, BC)
- [Fossils](#)
- [Geological timeline](#)
- [Rock samples](#) (360 view)
- [GeoTour](#) (Smithers, BC)

### EXPLORE THE HUB TO:

- Discover current content that can be used now
- Identify what labs or content is needed to support online learning in the fall

## LEARN MORE

See the Kitsilano Foreshore proof of concept here:

[https://bbcga.com/kitsbeachgeotour\\_main/](https://bbcga.com/kitsbeachgeotour_main/)

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