

Indigenization of Mineral Resource K-12 Lesson Plans & Pilot Camps, Saskatchewan Mining Association

The SMA has developed a number of curriculum-correlated lesson plans related to Saskatchewan mineral resources (<http://saskmining.ca/Mines-in-Saskatchewan/Lesson-Plans>)

Demographics in Saskatchewan indicate a growing proportion of First Nation and Metis students that will represent a significant part of the next generation of mine employees. In addition to addressing the Calls to Action, Truth and Reconciliation Commission with respect to the elimination of educational gaps between aboriginal and non-aboriginal students, there is a business imperative to engage indigenous students about mineral resource development. This engagement would be optimally achieved if presented in a culturally responsive manner.

To enhance learning outcomes, and engage more indigenous students in STEM fields this project will:

- a) Incorporate traditional knowledge and teaching methodologies into SMA existing curriculum-correlated lesson plans including connecting learning experiences to the land and communities
- b) Pilot the indigenized lesson plans at camps (eg. STC Culture and Science Camp)
- c) Create indigenous role model posters and career cards profiling existing Saskatchewan mining employees.