

Project summary for:

Nunavummi Nunarjuattigut Illinniarniq (Learning in Nunavut Through Our Earth)

This project seeks to develop educational resources (in communities and online) for *Nunavummi Nunarjuattigut Illinniarniq* – Learning in Nunavut through our Earth. It will develop experiential and cultural learning opportunities throughout Nunavut by creating educational materials and curriculum, while also establishing the foundation for a collaborative online Atlas of Nunavut. Multiple teams will create specific learning units for various types and levels of education within Nunavut, including:

1. **Nunavut Arctic College** - place names and geographic knowledge in Arctic Bay;
2. **Attagoyuk High School** - sea ice changes, navigation, and survival skills in Pangnirtung; and,
3. **Geomatics and Cartographic Research Centre** - technical support, training, and unified atlas framework development

The partnership of these three projects will maximize the educational potential of learning units, as well as online atlas development, to benefit school or college settings across Nunavut. Each of these teams is already working with the Geomatics and Cartographic Research Centre (GCRC) at Carleton University. They are at various stages of developing their own internet-based cybercartographic atlases. The GCRC is a facilitator to: i) support the sharing and development of resources across the project; ii) advance team goals through customized technical, creative, and logistical support; and, iii) provide a common foundation – promoting best practices in management and interoperability of digital learning materials – for Nunavut-wide learning and atlas initiatives for different ages and interests.

In undertaking *Nunavummi Nunarjuattigut Illinniarniq* – Learning in Nunavut through our Earth, our main objectives are to:

- Create new community- and web-based learning resources for high school and college programs in Nunavut;
- Build capacity in northern schools to undertake more experiential learning;
- Build capacity in Nunavut communities to undertake community-based research;
- Build capacity within the Government of Nunavut to deliver more northern-specific and IQ curriculum;
- Apply cybercartographic concepts in northern communities to enhance the utility and applicability of the atlas framework, through feedback and use by educators and students; and,
- Understand and improve cross-cultural learning and collaboration methods.

Emphasis is on the creation of educational resources that directly contribute to curriculum development and the use interactive multimedia web-based learning tools to help bridge classroom and on the land/ice experiential learning.

To participate, comment, or ask questions, contact:

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