

Drone Research Opportunities for Native Elementary Students (DRONES)

Dayna DeFeo, Univ. of Alaska Anchorage (Project Research)

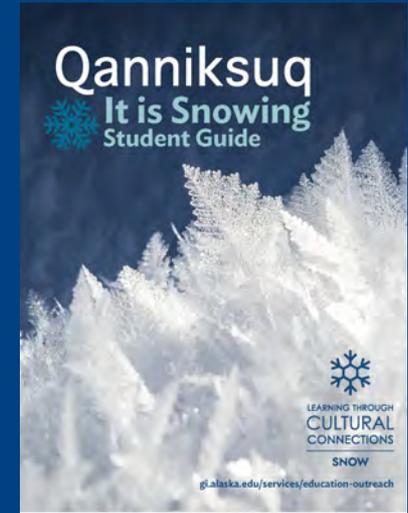
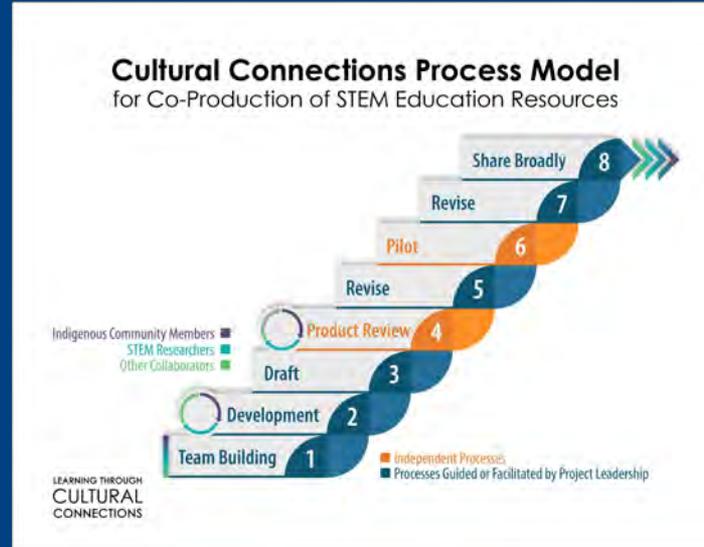
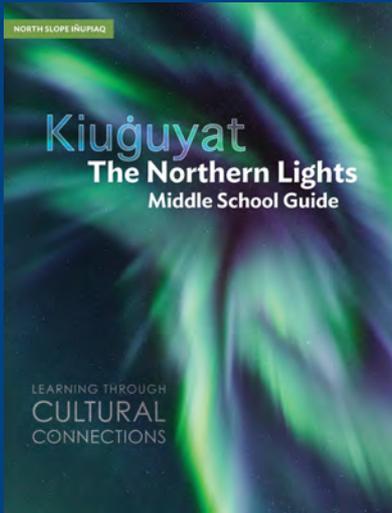
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We acknowledge and thank the Native Tribe of Nenana, the Native Tribe of Nulato, and the Valdez Native Tribe for the use of their intellectual property, and for their expertise and direction in all aspects of this project.

We also acknowledge the Alaska Native nations upon whose ancestral lands our campuses reside. In Fairbanks, the Troth Yeddha' campus is located on the ancestral lands of the Dena people of the lower Tanana River. The Anchorage campus is located on the ancestral lands of the Dena'ina.

Our pathway



Iterative in nature, expanding to new contexts and themes

Project Overview



CULTURAL
CONNECTIONS

Drones

- **Technology:** Alaska-relevant
- **Audience:** Students in grades 3-6, & their teachers
- **Communities:** Indigenous & rural
 - Diverse geographies, cultures, language groups
- **Partners:** Indigenous experts & community members

Research basis

Mixed methods

- Qualitative approaches
- Quantitative instruments*
- Indigenous methodologies
- Guidance from Elders, communities, & Indigenous community liaisons

Multiple perspectives

- Comparative across sites
- Students
- Communities
- Educators



Research priorities

“Nothing for us, without us.”

1. Study the process
2. Study the products
3. Study ourselves
4. Engage our partners & communities



Thank you!

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