Montana Office of Public Instruction
Denise Juneau, Superintendent
In-state toll free 1-888-231-9393
www.opi.mt.gov/IndianEd

A Sampling of Suggested Resources for the Integration of Indian Education and Science

DVDs:

"The Story of the Bitterroot" & the accompanying lesson plan.
http://www.opi.mt.gov/pdf/indianed/bitterroot_curr_alt.pdf

Readings:

Alaska Native Knowledge Network. (2001). *Guidelines for Respecting Cultural Knowledge*. Anchorage, AK.

Cajete, G. (1994). *Look to the mountain: An ecology of indigenous education.* Kivaki Press: Durango, CO.

Gilbert, W. S. & Little, M. (N.D.). *Navajo Culture Supplemental Science Curriculum: Module Unit- Food and Nutrition; Unit Lesson- Navajo Beverage Plants; Grade Level- 5th; Strand- Life Science- Full Option Science System (FOSS). Native Science Connections Research Project (NSCRP).*

Huberman, R. G. & Huberman, K. P. M. (1980). *Our Only Homeland: An Ecological Look at the Land of the Gros Ventre and Assiniboine*. Hays/Lodgepole Public Schools.

Joyce, J. R. (1998). *Bringing Science Home: A program for developing culturally relevant Science lessons for Native American Crow Students.* Rural Systemic Initiative.

Vine Deloria, et al. (1999). *Spirit and Reason*. Fulcrum Publishers: Golden, CO.

Websites:

Alaska Native Knowledge Network-
http://www.ankn.uaf.edu:8080/resources/course/view.php?id=7
http://www.ankn.uaf.edu/publications/handbook/index.html

Big Sky Science Partnership-
http://www.umt.edu/bssp/index.html

Culturally Competent K-12 Standards Based Math and Science Lessons-
http://www.anamp.org/culturally/index.html

Fire on the Land: Native Peoples and Fire in the Northern Rockies –
http://www.cskt.org/fire_history.swf

NASA Ancient Observatories Timeless Knowledge-
http://sunearthday.gsfc.nasa.gov/2005/na/links.htm

NASA Native Earth System Science Curriculum Project-
http://www.anamp.org/nescp_curriculum/nescp_curriculum.html

Northwest Teacher- "Ways of Knowing: Native Knowledge and Western Science-
http://www.nwrel.org/msec/images/nwteacher/winter2003/winter2003.pdf

PlaceNames: Building Worldviews Using Traditional Cultures and Google Earth-
http://www.spatialsci.com/PlaceNames/

Rekindling Traditions: Cross-Cultural Science & Technology Units (CCSTU) Project –
http://www.usask.ca/education/ccstu/welcome.html

* **Coming Soon**: Indian Education for All lessons for Science that can be found at
http://opi.mt.gov/indianed2/CurrSearch/Index.html