

Leveraging the Information Asset

數位內容網站的教學、應用與推廣



Learn Alaska and Beyond

丁維欣

Herminia Wei-Hsin Din, Ph.D.

University of Alaska Anchorage

May 14, 2009

2:00-4:30 pm

LearnAlaska

- An educator's tool for utilizing Alaska's Digital Archives
- Integrates library digital resources & museum objects



- Over 15,000 items
- Partners with six Alaskan institutions

LearnAlaska: Objects Online

Home | Browse | Advanced Search | My favorites | About | Help




Browsing 96 item(s). Select an item below for viewing.


Select a collection: University of Alaska Museum of the North

No.	Images	Title	Subject.TGM:	Description:
<input type="checkbox"/> 11.		Beading	Beads; Earrings;	video, 1:02 minutes MPG format. Cathleen Cass Peck is from Sitka and is known for her traditional Tlingit beadwork and basketry. She is a member of the Eagle Clan and the Killer Whale House. She lear
<input type="checkbox"/> 12.		Belt	Belts (Clothing); Handicraft;	A porcupine quill belt, 48 in. long; backed with green cotton cloth (2.5 in. wide) and edged all the way around with lavender seed beads. The front is smoked moosehide with a solid design of dyed quil
<input type="checkbox"/> 13.		Belt	Belts (Clothing); Handicraft;	A porcupine quill belt, 40 in. long; backed with green cotton cloth (2.5 in. wide) and edged all the way around with lavender seed beads. The front is smoked moosehide with a solid design of dyed quil
<input type="checkbox"/> 14.		Bentwood Visor	Hats; Art; Ivory; Beads;	This bentwood visor has a decorative painted surface. The visor has an open-crown design, a long squared off front, and two overlapping pieces at the nape that are stitched together with imitation sin
<input type="checkbox"/> 15.		Black Legged Kittiwake	Birds; Birds' eggs & nests;	video, 31 seconds MPG format. This kittiwake is a widely distributed breeder across the northern parts of the Northern Hemisphere. It builds nests of grasses, seaweeds, mosses, and mud on small ledges
<input type="checkbox"/> 16.		Bow	Bows (Archery);	This bow has a wrist guard attached with thin leather strip. A babiche string is lashed at both ends. The bow has been colored red with crayon; most of color has worn off. "Cooper Jack, Snod, YT" has
<input type="checkbox"/> 17.		Caribou Hair Tufting	Arts & crafts;	video, 1minute MPG format. Selina Alexander is an Athabascan who grew up along the Yukon River between Ruby and Galena and now lives in North Pole. She learned beading and skin sewing from her mother,



back to search results | add to favorites

Belt



© UA Museum of the North

Title: Belt
Creator: unknown
Collection Name: Ethnology
Identifier: 0717-0001
Description: A porcupine quill belt, 40 in. long; backed with green cotton cloth (2.5 in. wide) and edged all the way around with lavender seed beads. The front is smoked moosehide with a solid design of dyed quillwork; red seed beads and purple bogie beads are used also on the fringes. Both natural and dyed quills used. A strip was added to make belt larger and the section has much darker dye used.
Subject.TGM: Belts (Clothing); Handicraft
Subject.Local: Alaska Natives--Interior Alaska--Athabascan Ethnology
Region: Interior Alaska
Time Period: 1913 to 1939
Date original: 1920s
Type: Digital Images
Rights: Terms of Copyright and Use: http://www.uaa.edu/museum/molinet/copyright.html
Holding Institution: UA Museum of the North
Related Materials: 1920s Athabascan porcupine quill belt

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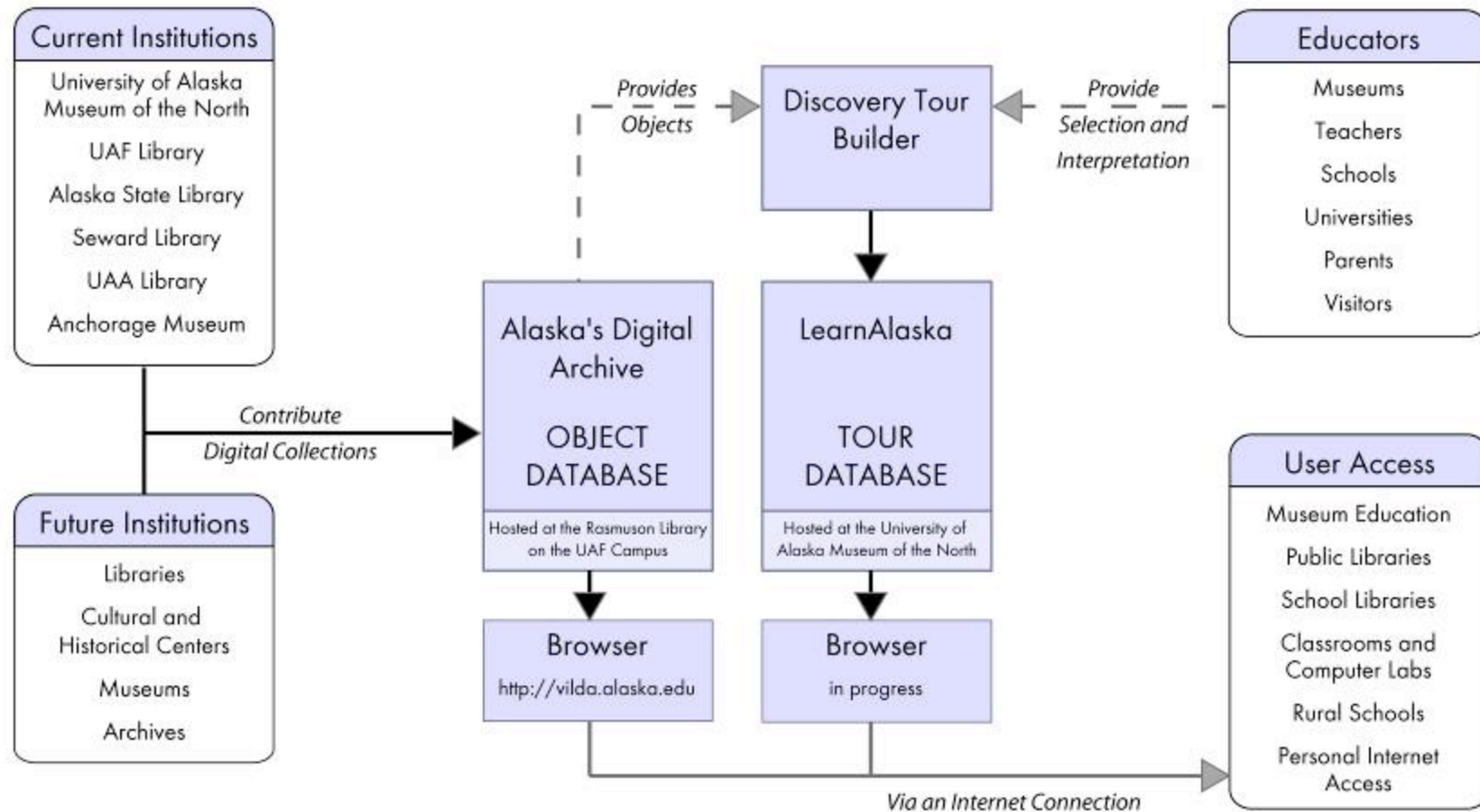
Image and Metadata

LearnAlaska

- Enables teachers and students to build customized multimedia presentation by selecting historical documents, maps, oral histories, video clips, and three-dimensional objects, and adding interpretations to illustrate a theme or concept on Alaska.
- Expands the use of the Alaska's Digital Archives beyond a searchable database.



How LearnAlaska Builds on Alaska's Digital Archive



How a LearnAlaska Discovery Tour is Made



Alaska's Digital
Archive

<http://vilda.alaska.edu>

Select Objects

Museum Objects • Video
Historical Photos • Audio
Maps • Documents
from Alaska's Digital Archive

Arrange and Interpret Objects

A whale bone
kayak with a single
figure inside

Save Your Customized Tour to Your Computer



Share Your Tour
with Others



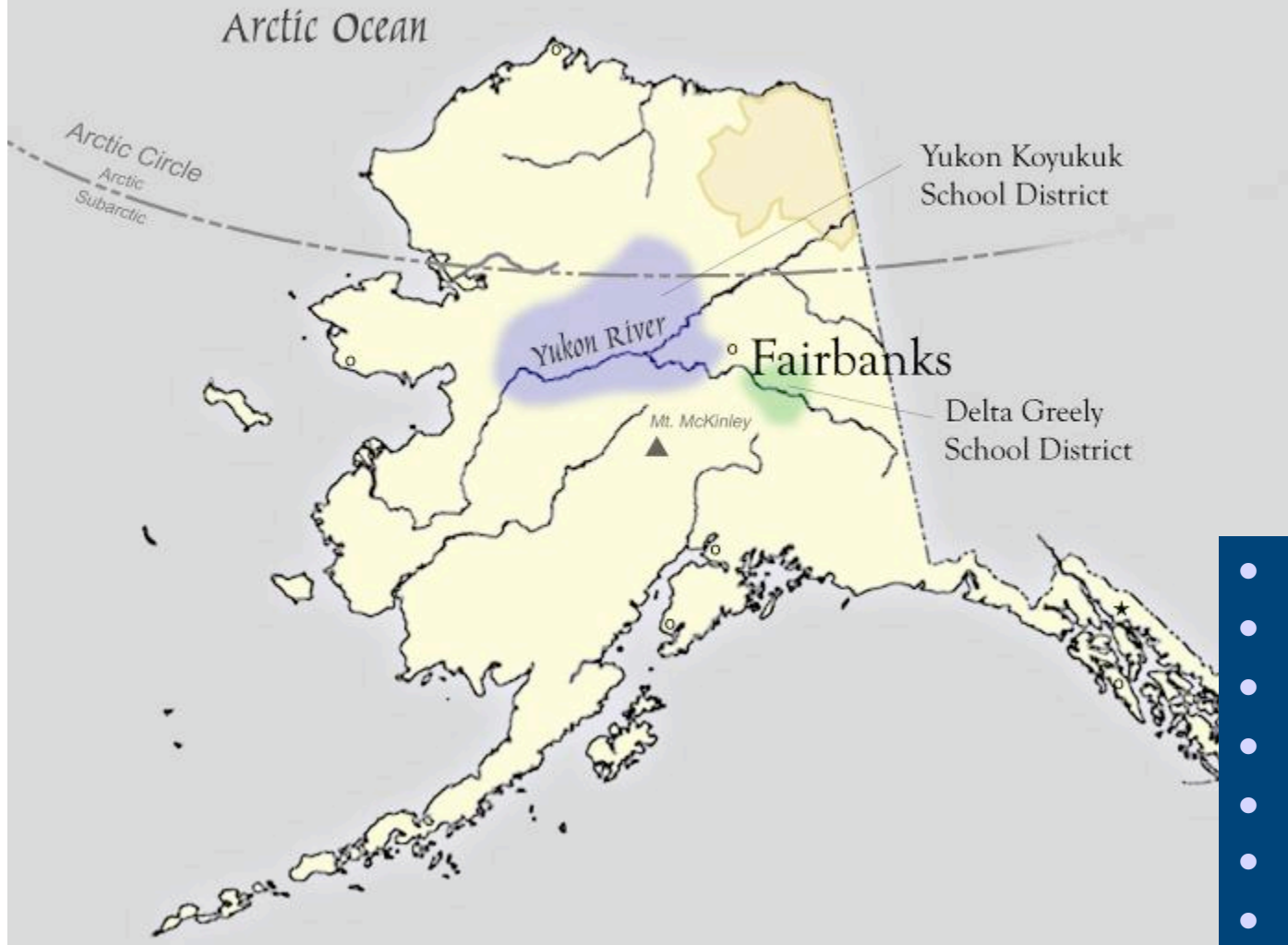
Use in Class
Email to Friends and Family
Submit for Online Publication

- 2003-2005
 - ❑ Funded by US Department of Commerce
 - ❑ US \$300,000 = NT \$10,000,000

- 2004-2008
 - ❑ Funded by IMLS (Institute of Museum and Library Services)
 - ❑ US \$750,000 = NT \$25,000,000

- Personnel Expenses (\$\$\$)
- UAMN – Contribute 500 digitized objects per year (including digitization, research, metadata, etc.)
- Data Inputs (editing, upload, quality management, etc.)
- Software Development ↔ Content DM
- Cultivating Partnerships (equipments and training)
- Teacher Training Workshops
- Conference Presentations and Travels

LearnAlaska: Partner School Districts



- Delta Junction
- Yukon Koyukuk
- Allakaket
- Hughes
- Huslia
- Manley
- Minto

OBJECT OF THE WEEK

Try making your own tour!



Use the [LearnAlaska Tour Builder](#) to create a tour about [Cabinet of Curiosities](#).

[Download](#) the [LearnAlaska Toolset](#)

Tell us your thoughts

How can we improve?
Submit an online
evaluation [here](#).

Featured Tours

Prospecting

Learn about the importance of gold pans and the sluice box to Alaska's gold prospecting history. This tour includes Archives photographs and short video clips.

[See more about this tour](#)



Fishwheels on the Yukon River



Learn about the construction and use of a fish wheel for subsistence fishing on the Yukon River. This tour includes Archives photographs and film clips.

[See more about this tour](#)

Early Fairbanks

Trace the major events of the first 10 years of Fairbanks' history, from E.T. Barnette's 1901 trading post, Felix's Pedro's 1902 gold strike, the Great Fire of 1906, and onward. This tour includes Archives photographs.

[See more about this tour](#)



For More Information, contact:



Education
Terry Dickey, Coordinator
museum.education@uaf.edu

907.474.5380
907 Yukon Drive
Fairbanks, AK 99775

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LOADING

Fishwheels of the Yukon River

Loading Images for Slide 2 of 9...

Fishwheels of the Yukon River

by Robin Davis

HAS LOADED SUCCESSFULLY.

[▶ CLICK HERE TO BEGIN YOUR TOUR!](#)



The Yukon River is one of the largest river systems in the world. The Yukon originates in Canada and flows west across interior Alaska. Numerous streams and rivers drain into the Yukon during its 1,400 mile journey to the Bering Sea.

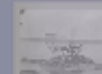
Fish Wheels on the Yukon River



by Maria Berke



The Yukon River is one of the largest river systems in the world. The Yukon originates in Canada and flows west across interior Alaska. Numerous streams and rivers drain into the Yukon during its 1,400 mile journey to the Bering Sea.



The Yukon River is the source of life for many fish in Alaska and throughout the world. They depend on catching the salmon to survive. From above the river, it is called a fish ladder. It is called a fish ladder because it is a series of rapids and falls that allow salmon to travel upstream.

Online: learnalaska.org

Options

Exit

[back to search results](#)

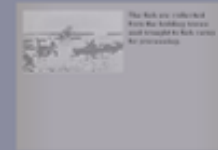
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Fish wheel in operation



Collection Name: Walter and Lilian Phillips Album
Identifier: UAF-1985-72-76
Title: Fish wheel in operation
Description: A man stands on a fish wheel as it spins and automatically drops fish into the bins on either side of the wheel. Probably located on the Tanana River.
Subject.TGM: Men
Fishing
Rivers
Subject.LCSH: [Fishwheels](#)
Location: Tanana River (Alaska)
Region: Interior Alaska
Time Period: 1896 to 1913
1913 to 1939
Type: Collection
Image (Photographs)
Ordering & Use: For information on ordering and using this material:

's current
scoops. As
el rotates, the
ops pick up
migrating
n. The
fish slide
ughs into
boxes.



Options

Exit

Since LearnAlaska is linked directly to the database, it avoids the copyright issue as none of the images, or audio and movie clips will be downloaded to a local computer.

Preserves the integrity of metadata of each individual object.





UNIVERSITY OF ALASKA



LearnAlaska

<http://www.learnalaska.org/>

2005-2008

The Web site is no longer exist!

LearnAlaska

2005-2008

- **Long-term Sustainability**
 - Change of ownership
 - Human and financial resources
 - Build-upon a proprietary database (ContentDM)
- **Institutional buy-in / Build-in infrastructure**
- **Structure of the project ↔ Support sustainability?**

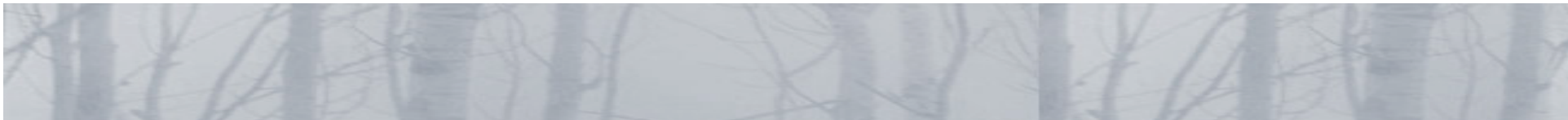
How People Learn

1. Learning is related to perception
2. Learning is related to memory
3. Learning is an active process
4. Learning entails acquiring a repertoire of cognitive structures
5. Learning occurs in phases
6. Learning is influenced by development

Museum Education / New Media

1. An Experience
2. Meaning and Understanding (Interpretation)
3. Education Outreach
4. Resources Repository
5. Building Learning Community

LEARNING IS AN ACTIVE PROCESS



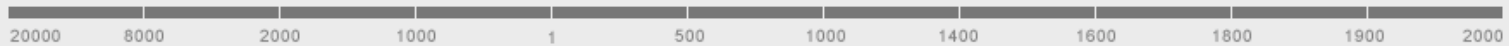
Heilbrunn Timeline of Art History | The Metropolitan Museum of Art

http://www.metmuseum.org/toah/

Defenestrat...on solution Apple Yahoo! Google Maps YouTube Wikipedia News (317) Popular Titanium Software

HEILBRUNN TIMELINE OF ART HISTORY The Metropolitan Museum of Art

WORLD MAPS TIMELINES/REGIONS THEMATIC ESSAYS WORKS OF ART INDEX BIBLIOGRAPHY MMA Search... GO



The Metropolitan Museum of Art presents the HEILBRUNN TIMELINE OF ART HISTORY

Funded by the Heilbrunn Foundation, New Tamarind Foundation, and Zodiac Fund

What is the Heilbrunn Timeline of Art History?

Browse our...

- World Maps
- Timelines/Regions
- Thematic Essays
- Works of Art
- Index
- Bibliography

Works of Art

« PREVIOUS | NEXT »



Quillwork shadow box, ca. 1817
Myra Bates Willcutt (American, 1798–1885)
Cohasset, Massachusetts
Paper, mica, silk, maple, pine, and glass; 14 x 12 x 3 in. (35.6 x 30.5 x 7.6 cm)
Purchase, Jan P. and Warren J. Adelson, Theodore J. Slavin, Fern Hurst, and Mrs. George Kaufman Gifts, 2006 (2006.45)

Related Timeline(s)

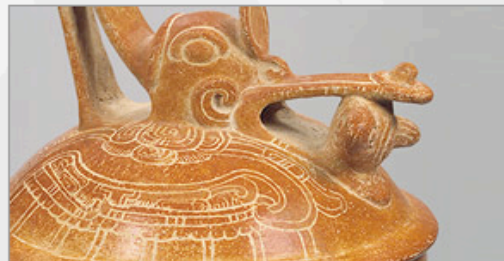
- United States and Canada, 1800–1900 A.D.

Related Thematic Essay(s)

- Nineteenth-Century American Folk Art

Timelines

« PREVIOUS | NEXT »



Maya Area, 1–500 A.D.

The building of large

Thematic Essays

« PREVIOUS | NEXT »



Caravaggio (Michelangelo Merisi) (1571–1610)
and his Followers

Trained in Milan and active in Rome (1592–1606),

EXAMPLE

OLOGY – American Museum of Natural History

- Since 2001
- Web site for kids ages 7 to 12
- Based on the premise that "everyone wants to know something" and designed as a place to explore, ask questions, get answers, meet OLogists, play games, and see what other kids are interested in.
- Allows to collect learning objects, create and develop own project by combining and reorganizing different learning objects.



- Building learning resources
- Giving the ownership back to the learner

OLOGY – American Museum of Natural History

AMERICAN MUSEUM OF NATURAL HISTORY

Ology CARD of the Day!

Collect them all! TOTAL CARDS 304

Choose an Ology

- ARCHAEOLOGY
- ASTRONOMY
- BIODIVERSITY
- EARTH
- EINSTEIN
- GENETICS

Ology means "the science of"

Highlights

A closer look at MARS

A Closer Look at Mars
Find out what we know about Mars in this online tour of Earth's closest neighbor.

At the Museum

The Butterfly Conservatory
Walk among over 500 live butterflies as they flutter through this re-created tropical forest. [Go!](#)

Step 6:
Print This Page

AMERICAN MUSEUM OF NATURAL HISTORY

Ology Member

NAME
happy armadillo 77

PASSWORD
123456

ANSWER TO SECRET QUESTION
77

www.ology.amnh.org

Keep this info - you will need it to sign into Ology on your next visit. Remember - your Ology name and password is key to your homepage and collection.

Now you're ready to go to your HOME PAGE!

OLOGY Card

71 ⇔ 127 ⇔ 259 ⇔ 304

Constructing Knowledge

Connecting the Dots

1. **A path to follow (constructivism)**
2. **An interest / Interesting (learner centric)**
3. **A rewarding experience**
4. **Flexible and customized**

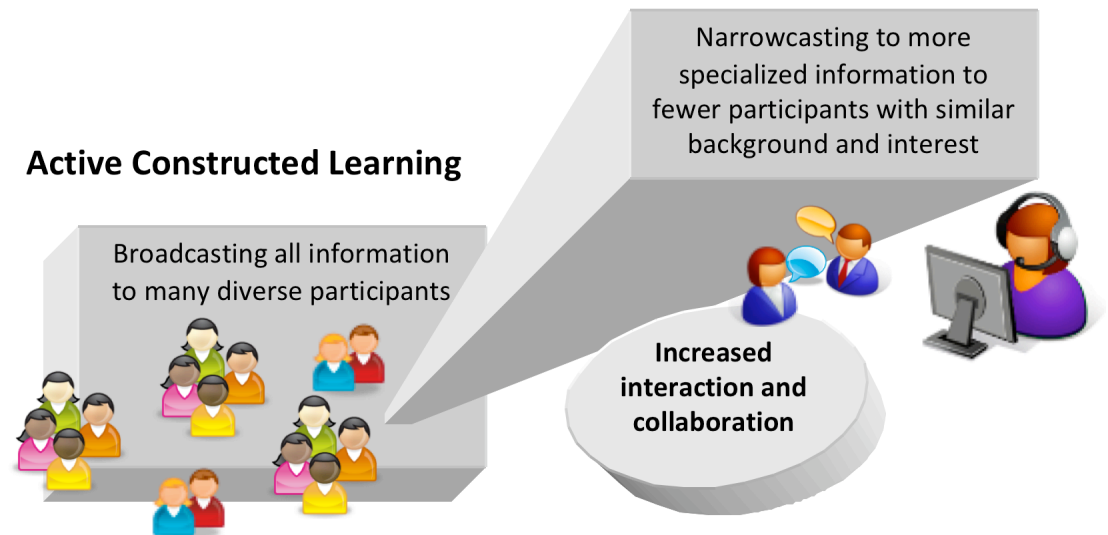
Learning is not so much absolutely right, but more or less reasonable, convincing, enlightening, and informative

Unbound by Place or Time Museums and Online Learning

By WILLIAM B. CROW and HERMINIA DIN

The AM PRESS

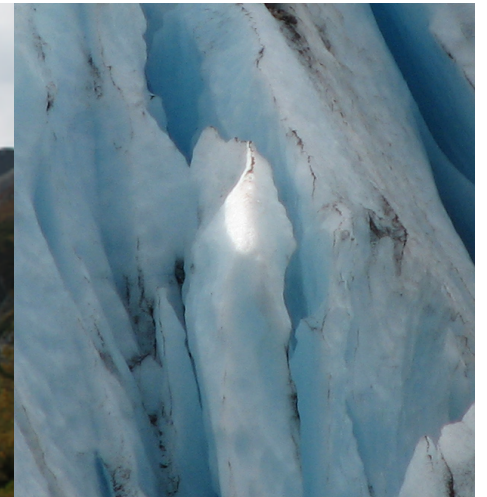
Active Constructed Learning



Leveraging the Information Asset

數位內容網站的教學、應用與推廣

Questions



Thank You!