

Books

The Call of the Wild, London, Jack.

First published 1931. Set during the Gold Rush, this is the story of Buck, a dog stolen from his home and transported to Alaska where he must survive in a pack of wolves.

Web Sites

This archival document by Gen. John A. Sutter (along with enough graphics to paint the picture) could be a good starting point for anyone studying the Gold Rush and Westward Expansion. Posted by the Museum of the City of San Francisco, the site offers easy links to related articles like "An Eyewitness to the Gold Discovery," "Dramatic Impact of the Gold Discovery," "Gold Rush and Anti-Chinese Race Hatred," and a series of Gold Rush chronologies.

<http://www.sfmuseum.org/hist2/gold.html>

Current gold-mining processes in the Cortez mine of Elton, Nevada.

<http://www.mining-technology.com/projects/cortez/index.html#cortez6>

Basic information on the chemical and physical characteristics of minerals

<http://web.wt.net/~daba/Mineral/>

Technical database containing 5000+ Web pages with 4,102 individual mineral species' descriptions and links.

<http://web.wt.net/~daba/Mineral>

National Science Content Standards

Content Area	Standards
Physical Science	A1, A2
Earth Science	A3, A4, A7
Science in Personal & Social Perspectives	B1, B2, D2, E4, E5
History and Nature of Science	A1, A2, B3

Materials

Activity	Material	Amount
It's All in the Name	Sample business cards	per group
	Colored pencils	per group
	Tagboard, poster board, or cloth (11" x 14")	1 per group

Gold Rush!

To return to the lesson, select **Exit** from the **File** pull-down menu.

	Tagboard or index cards cut to business-card size	1 per group
Mine Your Own Business	Mixture samples (100ml)*	2 per group
	Screen or piece of wire mesh to act as a sieve	1 per group
	Graduated cylinder (100ml)	1 per group
	Triple-beam balance	1 per group
	Plastic bag (small)	1 per group
	Paper (1 sheet)	1 per group
	Beaker (500ml)	1 per group
	Balance	1 per group
	Water	1 per group
	Magnet	1 per group
	Filter paper	1 per group
	Funnel	1 per group
	Shallow pan	1 per group
	Hot plate	1 per group
	Graph paper	1 per group
Getting to the Core of the Matter	Geological model of the area (cupcake or clay)	1 per pair
	Straws (clear plastic)	6 per pair
	Metric ruler	1 per pair
	Graph paper (2-sided)	2 per pair
	Tape (clear)	per pair
	Colored pencils or markers	per pair
	Scissors	1 per pair
Diamonds, Rubies, and Emeralds	Crystal-model cut-outs	1 per student
	Crystal Identification Key**	1 per student
	Colored pencils or markers	per student
	Scissors	1 per student
	Tape or glue	per student
	Goggles	1 per student
	Petri dishes	per pair
	Room-temperature solutions**	per pair
	Warmed solution**	1 per pair
	Eyedropper	1 per pair
	Stereoscope or microscope	1 per pair
	Labels	per pair
	Markers	per pair
	Beaker (100ml)	1 per pair

Gold Rush!

To return to the lesson, select Exit from the File pull-down menu.

	Microscope slides (room-temperature or cold)	per pair
	Microscope slides (warmed)	per pair
	Fax cover sheet**	1 per pair
Fax it ASAP	Unknown rock	1 per pair
	Rock samples (in envelope)	per pair
	Hand lens	1 per pair
	Tape (masking)	per pair
	Marker	1 per pair
	Stereo microscope (optional)	1 per pair
	File folder	1 per pair
	* denotes something is found in the student book	
	** denotes something is found in the teacher book	

To return to the lesson, select Exit from the File pull-down menu.