

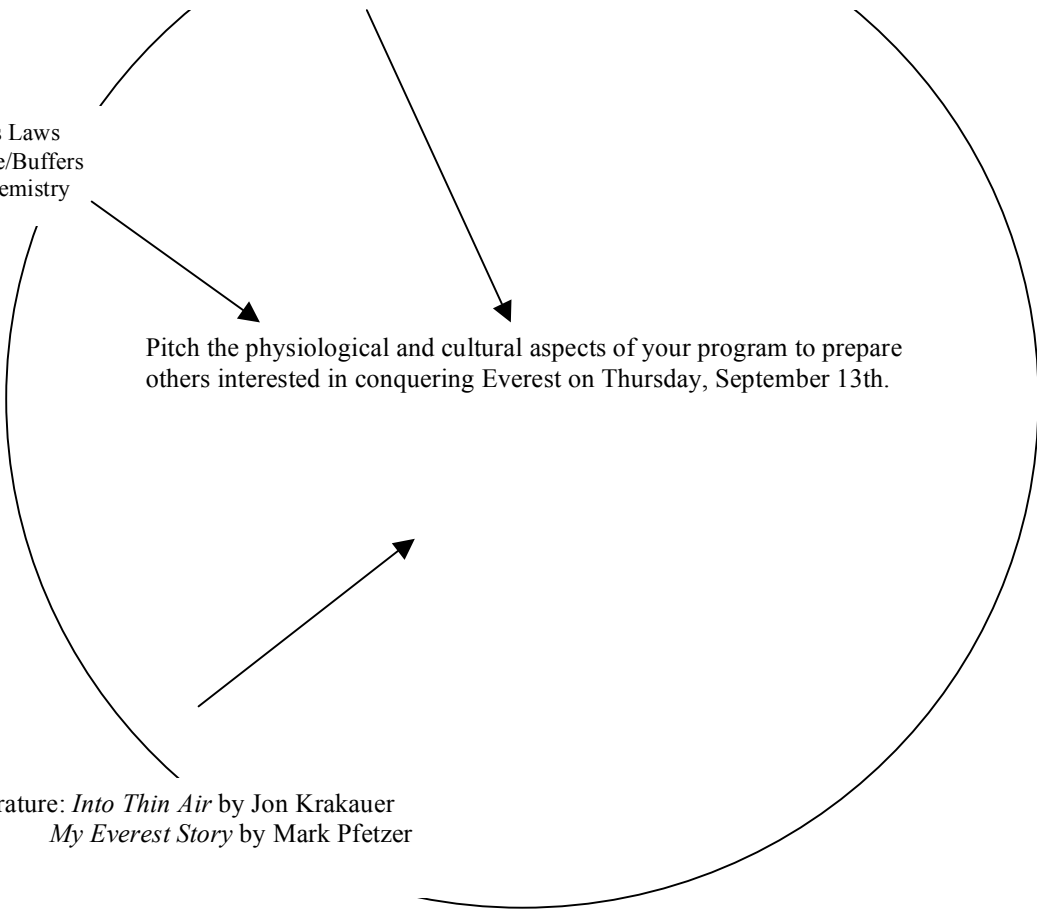
Everest Fall 2007

As a group of people interested in climbing Everest, develop an educational program focused on cultural awareness and the physiological risks involved.

Science Labs: Gas Laws
Acid/Base/Buffers
Blood Chemistry

Pitch the physiological and cultural aspects of your program to prepare others interested in conquering Everest on Thursday, September 13th.

Literature: *Into Thin Air* by Jon Krakauer
My Everest Story by Mark Pfitzer



Everest Standards 2007

Social Studies

Culture/Cultural Diversity (2)

How various cultures influences impact society

People, Places, Environment (5)

Analyze physical characteristics of earth & how humans interact

Science

Concepts and Processes (1)

The Cell

Chemical Reactions

Acids & Bases

Structure & Properties of Matter

Gas Laws

Periodic Table

Inquiry (2)

Research

Communicate

Investigate relationships

Using scientific equipment

Science and technology

Language Arts

Reading (1)

Understanding of literary text

Man vs. nature

Predictions

Variety of sources

Understanding of information

Writing (2)

Writing with audience in mind

Voice

Organization/Focus

Speaking and Listening (3)

Presentation

Use of details to support ideas

Group discussion

Consideration of other's ideas

Constructive criticism

Lead, participate, moderate

How do buffers in the blood effect pH?

How does the body try to sustain homeostasis in the blood?

How does atmospheric pressure effect the body?

What is the historical context of the opening of Nepal?

What has been the impact on the economy and culture of that region?