

Maine School Administrative District #75 Alternative Education Program

Introduction. The Alternative Education A.P.A.C.E. Program serving the Mt. Ararat High School students has successfully accessed and integrated ATM and computer technology into the various facets of its curricula.

ATM Integration. Quick Time webcasts via laptop IP interface were accessed in order to participate in live virtual field trips through Ball State University Distance Learning, Smithsonian Environmental Research, and Apple Learning Interchange. Two video conferences were conducted with the Maine Law and Civics Education Program at the University of Southern Maine School of Law. A single quad session was conducted with Bonny Eagle High School involving an interactive presentation and questions and answers segment with the U.S. Attorney for Maine, who was speaking about the Patriot Act. The LCD Projector, VCR, DVD, and the Elmo Visual Presenter were all used for viewing and discussing films on the Hopi, Australian Aborigines, and Baka of Cameroon as part of Altn. Sociology units. This technology was also used for viewing and discussing several film portrayals of *Romeo & Juliet* as part of an Altn. English Shakespeare unit. The film, *Glory*, was viewed and discussed as part of a celebration of Black History Month.

The Last Emperor and *Quest Est* were viewed and discussed as part of study for a China Unit and a Russia unit. A PowerPoint presentation from UMO Department of Geology on Geo-Science accessed the LCD Projector and laptop IP interface for an Altn. Geo-Ecology unit.

Classroom Computer / Internet Integration for Research. Research was conducted by the Alternative Education A.P.A.C.E. Program Students for a wide variety of informational needs in all subject areas. Specific Internet computer research was conducted for the following:

ALTN. ENGLISH

Political Essay Product
Science Mini-Research Paper
Senior Research Paper
Historical Period Diary Product
Shakespearean Play Product

GEO-ECOLOGY

African Country Profile Product
Hydro Portrait Product
Solid Waste Management Plan 2015
for Brunswick, ME

ALTN. SOCIOLOGY

Baka Informational Chart
Australian Aborigine Informational Chart
Hopi Informational Chart

PERSPECTIVES IN AMERICAN HISTORY

U.S. Library of Congress Examination of Primary Source Documents
Smithsonian Institute Primary Source Documents / Virtual Tour of Exhibits

BIOPHILIA

Zoograph Assignments
Animal Diversity Web at the University of Michigan
Life of Mammals BBC Site

ALTN. PSYCHOLOGY

Neurosis / Psychosis Disorders Research Product

Classroom Computer / Internet Interaction. Specific integration of interactive web sites and/or software was conducted by Alternative Education A.P.A.C.E. Program students for specific subject needs in the following courses:

BIOPHILIA

Virtual Frog Dissection – <http://www.froguts.com/>
E.O. Wilson's *Conserving Earth's Biodiversity* Interactive Software
DNA from the Beginning – Three Unit Tutorial - <http://www.dnafb.org/dnafb/>
Odyssey Expeditions – Ichthyology 101 Tutorial- <http://www.marinebiology.org/fish.htm>

ALTN. SOCIOLOGY

Baka Pigmyes – <http://www.maurocampagnoli.com/baka/initiation.html>
Africa – BAKA - http://www.pbs.org/wnet/africa/explore/rainforest/rainforest_overview.html
Australian Aborigines Land and Culture – www.aboriginalartonline.com/culture/culture.html
Hopi Culture – <http://www.hopi.nsn.us/> and <http://www.nau.edu/~hcpo-p/>
Social Position and Status – <http://www.inequality.org/>

PERSPECTIVES IN AMERICAN HISTORY

Immigration History Research Center – University of Minnesota - <http://www.ihrc.umn.edu/>
Immigration... The Changing Faces of America – <http://memory.loc.gov/learn/features/immig/immig.html>

GEO-ECOLOGY

Solid Waste Management Tutorial – <http://www.learner.org/exhibits/garbage/intro.html>

Classroom Computer Application Software Use. Specific computer application software was used by Alternative Education A.P.A.C.E. Program students for a broad range of academic assignments in the following subject areas:

Microsoft Publisher:

ALTN. ENGLISH

Photo Essay Product

Print Advertisement Product

GEO-ECOLOGY

Tropical Deforestation Pamphlet

Microsoft Office:

ALTN. ENGLISH

Political Essay Product

Historical Diary Product

Shakespearean Play Product

Journalism Product

Science Mini-Research Paper

Senior Research paper

Poetry Product

Short Story Product

Novel Product

BIOPHILIA

Zoograph Products

Video Lab Assignments

GEO-ECOLOGY

Africa Country Profile Product

Hydro Portrait Product

Solid Waste Management

PERSPECTIVES IN AMERICAN HISTORY

Immigration Unit Assignment 1870-1910

Forebearer Profile Product

Dragon Naturally Speaking Preferred:

All academic areas in support of special needs students
for voice to text production

Classroom Computer Internet Audio Files.

Many Internet audio files were accessed
and used by students in the Alternative
Education A.P.A.C.E. Program for the
following course:

PERSPECTIVES IN AMERICAN HISTORY

NPR (National Public Radio)

PRI (Public Radio International)

BBC (British Broadcasting)

Democracy Now

Audio Feeds from Bosnia and Iraq

SUMMARY. The Alternative Education A.P.A.C.E. Program continues to access and integrate technology into the direct instruction of its students. Costs for upgrading of equipment and software continue to increase. Live virtual field trips, once free are now costing as much as \$3000 for registration and access fees. Many websites are now requiring membership/or subscription fees in order to access data. Thus, the need for adequate budgeting in support of these technological classroom initiatives must be considered a priority. Without these monies, the integration of technology into the academic classroom will need to be curtailed.