

## Our mission

The mission of New Technology Foundation is to support, refine and build on the success of New Technology High School, Napa—a national model of project based learning in a technology rich environment. In addition, through replication, subscription and other means, the Foundation seeks to create and support a network of schools based on the Napa NTHS model that continues to innovate, identify and share best practices.

Opportunities to help grow and sustain this national model are many and we welcome your inquiries as to how you can help.

## How to contact us

Visit our website, [www.newtechfoundation.org](http://www.newtechfoundation.org)

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Answering the National Call for High School Reform, School-by-School

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# NTHS model expands borders to Oregon and Alaska

**Biz Tech High** in Portland, Oregon and **Highland Tech High** in Anchorage, Alaska have joined our high school reform effort and mark our expansion to a national model. Closer to home, **Castlemont Business and Information Technology School** in Oakland and **Leonardo DaVinci School** in Davis continue to engage Northern California high school students with innovative programs.

**BizTech High**  
 3905 SE 91st  
 Portland, OR 97266  
 Travis Fantz, Principal



BizTech High integrates the study of business, technology, manufacturing and entrepreneurship with core subjects to promote mastery of academic skills and content and college preparation. An accredited public school enrolling 300 students in grades 9 through 12, BizTech offers a college prep curriculum, with an honors and college dual credit opportunities. The school offers an academic program of English Limited Language (ELL) and second language opportunities include Mandarin Chinese and Spanish.

BizTech's focus is on preparing students to contribute as citizens of a diverse, multicultural and international community. The academic program is student centered, project-based learning aligned with Oregon Content Standards, with integration and collaboration between curricular areas. Infusion of technology serves as a tool to enhance learning. Training and skill development is designed to help students explore higher education and career opportunities while experiencing hands on learning.



**Highland Tech High**  
 5530 E. Northern Lights Blvd. #1  
 Anchorage, Alaska 99504  
[www.highlandtech.org](http://www.highlandtech.org)  
 907-742-1700  
 CJ Steigle, Principal

Highland Tech High, approved as a charter by the Anchorage School District in 2003, promotes a practical environment which integrates technology, connectivity, and digital content into the classroom. Highland is further supported as a partner with **RISC-Re-Inventing Schools Coaltition**. The school serves students in grades 7-12. Highland has developed a small school environment by limiting Division I (7th and 8th grades) to 150 students located within one area of the school, and 300 students in grades 9-12 (Division II and III).

The facility is 32,000 square feet of state-of-the-art networking and telecommunications infrastructure within a business-like environment. The digital learning environment includes seminar/classrooms, inquiry labs which include a project studio, communications lab, intelligence lab, an environmental lab, DVD production labs and a full Video Conferencing Room.

In establishing Highland Tech High, the criteria established as priorities included: small school size, low student-teacher taion, technology rich, core values of leadership, ethics and integrity, strong communication skills, problem solving and team building skills through project based education, graduating prepared for higher education, and solid commitment to community and education.

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## NTHS model expands, continued

### Castlemont Business and Information Technology School

8601 MacArthur Blvd.  
Oakland, CA 94605  
Rick Gaston, Principal



One of three new small autonomous schools on the Castlemont campus in Oakland, the Business and Information Technology School (CBIT) is the first converted high school in the NTHS Network. Special emphasis will be given to the development of student's technical and analytical skills, with students in upper grades majoring in Business or Computer programming. Working with BayCES, and major business partners which include **Chevron Corporation, Shell Oil, Blankmeyer & Associates,** and the **Port of Oakland,** the career theme for CBIT was developed to help students participate in the high-tech economy of the surrounding area. In addition to the business partners, CBIT is working to establish relations with regional colleges, including **Mills, UC Berkeley, CSU Hayward,** and **Stanford.**

### Leonardo DaVinci High School

A New Technology High School  
315 W. 14th St.  
Davis, CA 95616  
Pam Mari, Principal/Director



Leonardo DaVinci High School, located in temporary quarters in the "T Buildings" at Davis High School, will open in August 2004 with 140 students. With an eventual capacity of 400 students in grades 10-12, Leonardo DaVinci high School will eventually be housed in its own building in the Education Center to built on the UC Davis campus. The small school is designed to promote increased communication between teachers and students, involving group research projects and laptop computers. Principal Pam Mari describes the school as very focused on individuals: "the program will be an environment that is almost entirely collaborative, an environment in which students must integrate subject areas and be connected to the community."

More information about NTF's replication services can be found in the column at right, or by visiting the "NTHS Network" and "Replication" sections of our website, [www.newtechfoundation.org](http://www.newtechfoundation.org).

## Study Tours offer chance to observe PBL and technology integration

During the 2004-2005 school year, New Tech foundation will host one-day Study Tours of Napa NTHS specifically designed for all teachers, administrators, support staff and business partners interested in school-wide reform. On-line reservations will be available when the tour schedule is posted in September. The Study Tours have a cost of \$175.00 per person, which includes lunch and refreshments. Participants will tour the campus, listen to formal presentations and interact informally with students and staff. This experience provides an opportunity to:

- Observe students and teachers engaged in project based teaching and learning
- Meet with staff members to discuss topics such as subject-area projects, integrated curriculum and curriculum standards
- Hear students reflect upon and assess their own work and that of their peers

More information can be found on our website, [www.newtechfoundation.org](http://www.newtechfoundation.org), or by contacting Heidi Kobyka at (707) 253-6951 or [hkobyka@newtechfoundation.org](mailto:hkobyka@newtechfoundation.org).

## Replication services

New Technology Foundation (NTF) offers replication services to schools interested in the New Technology High School (NTHS) model. For some schools, the NTF program costs are underwritten by grants. For others, NTF plans to offer fee-for-service programs.

All replication sites receive the following services from NTF:

- **License to use the New Tech High Learning System™**
- **A Replication Package that includes materials specific to planning for:**
  - Start up
  - Facilities
  - Staffing
  - Technology
  - Student recruitment
  - Training
  - Fundraising
- **PBL Library**
  - PBL units by course and grade
- **School Management Library**
  - Staff recruitment and training
  - Student recruitment and orientation
  - Creating partnerships
  - Master calendar and schedule
  - Counseling program
  - Creating a culture of trust and responsibility
  - Technology
  - Technology support
  - Creating and maintaining school Web site
  - Community relations
  - Policies and forms
  - Curriculum resources
    - School-wide learning outcomes
    - Evaluation tools
    - Assessment tools
    - Digital agenda and journal templates
    - Digital professional portfolio
    - Senior projects
    - Technology training
    - Internships
- **Membership in the NTHS Network.**

Member sites have access to all PBL units and all tools developed by NTHS Network schools, as well as training and technology support. They will have the opportunity to collaborate, to share information, tactics, success stories and general support to the continued success of this innovative form of education.