PMI

Educational Foundation

GlobalSchoolNet.org
Linking Kids Around the World!

project **lead the way**

Building a Brighter Future, One Project at a Time

ORACLE ThinkQuest
EDUCATION FOUNDATION

KCi KRAUSE CENTER for INNOVATION
FOOTHILL COLLEGE
12345 El Monte Road ▪ Los Altos Hills ▪ CA 94022-4599
www.foothill.edu/kci/

STONE TABLET EDUCATION

eduTopia
THE GEORGE LUCAS EDUCATIONAL FOUNDATION

NEW TECHNOLOGY HIGH SCHOOLS
Supporting New 21st Century High
Schools Based on the
New Technology High School Model

WestEd

BIE
BUCK INSTITUTE
FOR EDUCATION

iEARN

Project Management Institute Educational Foundation

James R Snyder
August 2006

Project Management Institute
Educational Foundation

PMI Educational Foundation
Founded August 1990

Vision:

- To be the champion of project management knowledge and skills for educational and social good

Mission:

- Promote project management principles globally to communities, students, non-profit organizations and society at large

Project Management Institute
Educational Foundation

The Foundation enriches lives through knowledge and education of project management life skills.

- Promotes project management skills and knowledge to achieve life goals.

- Encourages the use of project learning as a teaching methodology..

PMI
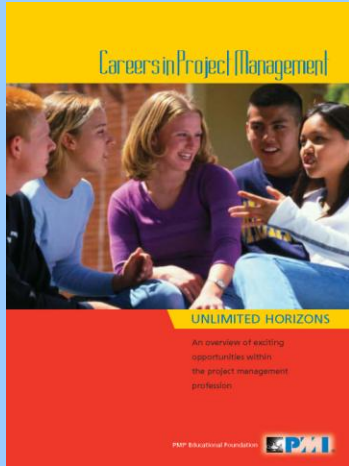Project Management Institute
Educational Foundation

Foundation Goals, cont.

- Recognizes and supports academic excellence in project management through scholarships, awards and mentoring programs.

- Partners with PMI, its' Components and other organization to leverage the dissemination of project management educational programs.

- Partners with charitable organization to promote their effectiveness through project management.

PMI
Project Management Institute
Educational Foundation

PMI Educational Foundation Programs

Careers In Project Management

Career guidance for students and counselors

Skills for Life Initiative

A comprehensive program for community and civic action

Project Management Institute
Educational Foundation

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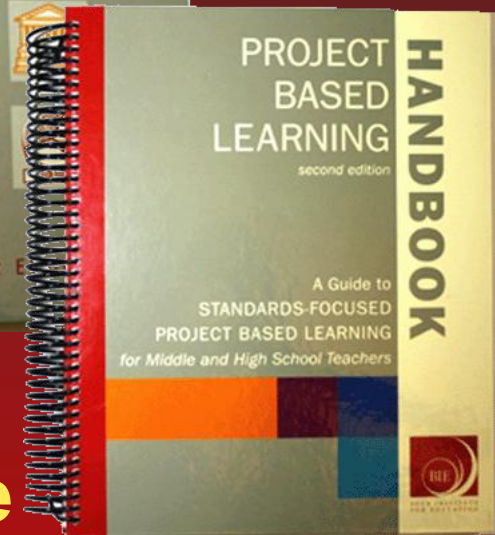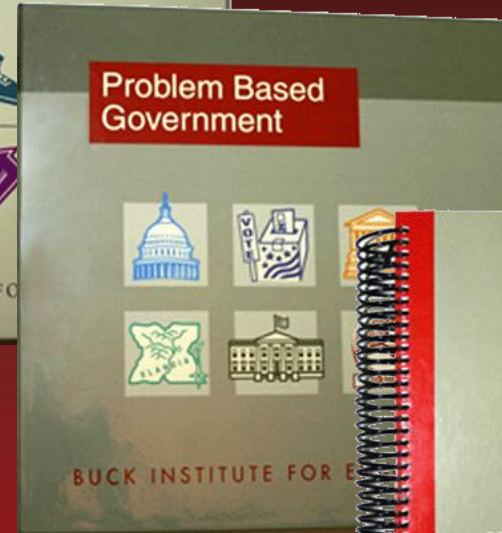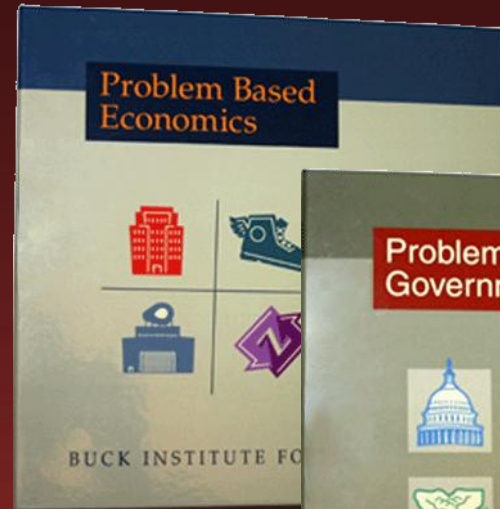www.foothill.edu/kci/

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PROJECT BASED LEARNING

CURRICULUM MATERIALS

Problem Based Economics

BUCK INSTITUTE FO

Problem Based Government

BUCK INSTITUTE FOR E

PROJECT BASED LEARNING
second edition
HANDBOOK

A Guide to
STANDARDS-FOCUSED
PROJECT BASED LEARNING
for Middle and High School Teachers

Used by 20,000 Educators Worldwide

PROJECT BASED LEARNING
PROFESSIONAL DEVELOPMENT
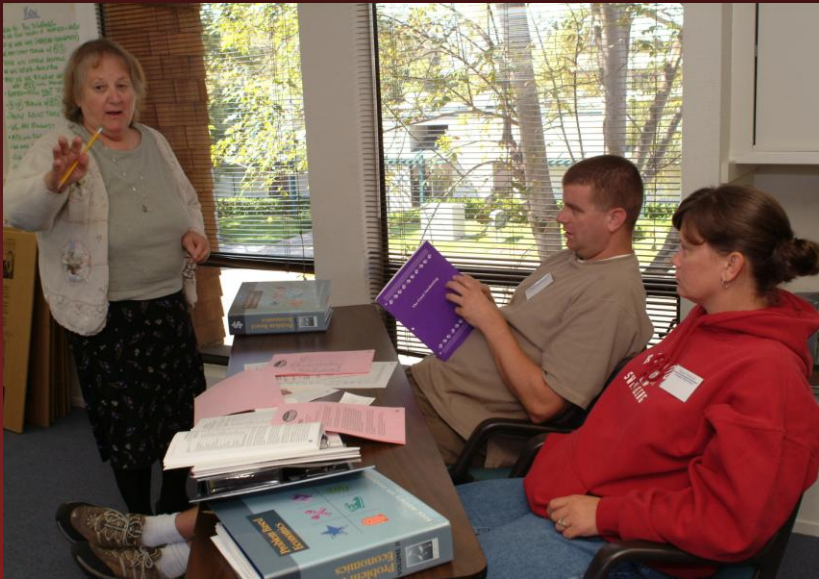
"Great Workshop! Thanks, BIE!"

PROJECT BASED LEARNING

CLASSROOM RESULTS

✓ **More Engagement**

✓ **Higher Achievement**

✓ **21st Century Skills**

Project Management

Problem Solving

Self Management

Writing & Speaking

BUCK **I**NSTITUTE FOR **E**DUCATION

Engaging Students

Supporting Teachers

Showing Results

More Information? Contact:
John Mergendoller, Executive Director
john@bie.org www.bie.org

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NEW TECHNOLOGY HIGH SCHOOLS
Supporting New 21st Century High
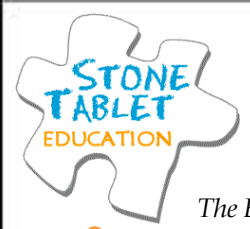Schools Based on the
New Technology High School Model

Stone Tablet Education

An Introduction to EdProps

Education Project Planning and Support

The web-based tool for managing and auditing student projects

A *web-based* tool for student project management

➢ Designed **specifically** for Education projects to PMI guidelines

➢ Teaches students Project Management - the 21st Century Life Skill

➢ Facilitates communication among all stakeholders

➢ Improves Accountability

➢ Documents student performance

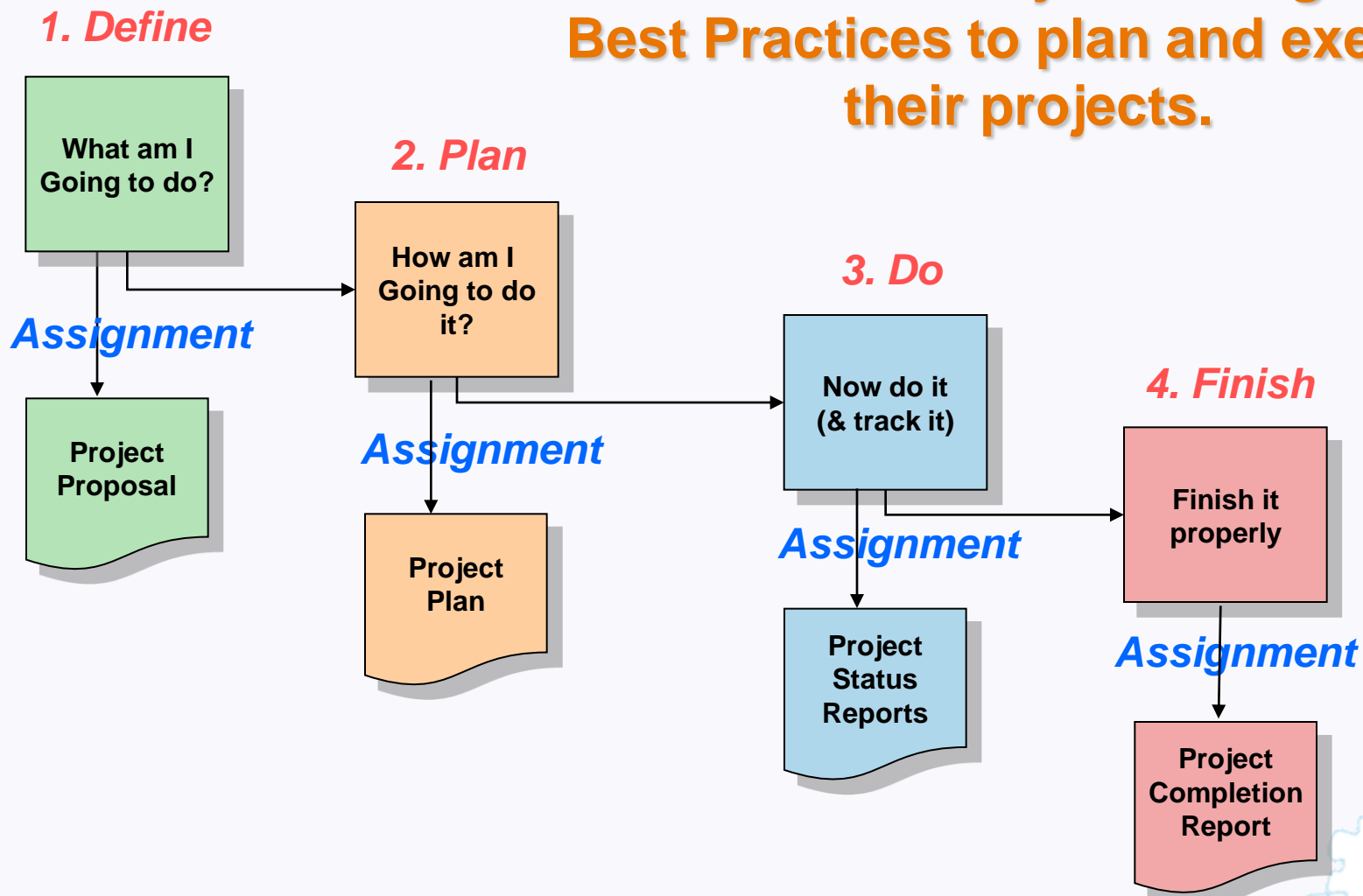# Develops Awareness and Management of Project Considerations
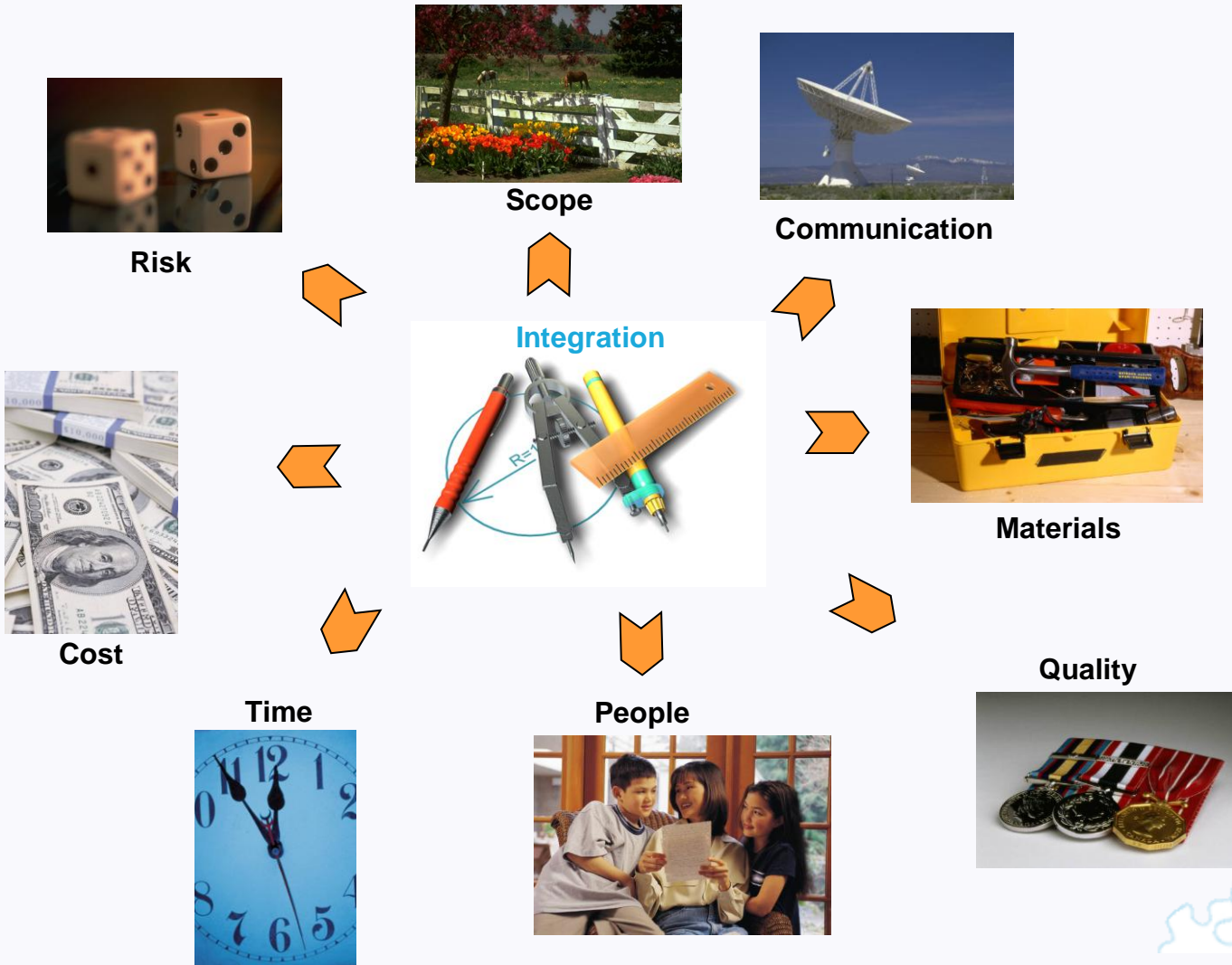
Risk

Scope

Communication

Integration

Cost

Materials

Time

People

Quality

Web-Based Tools to Manage Project

Logged In: Alan Alistar **Date:** Wednesday, October 29, 2003

Home | **Manage Project** | View Program Documents | Edit User Profile | Help | Logout

Project: Publish a Family Newsletter **Project Team**

(Hold mouse over timeline objects to see more information)   - Incomplete ✓ - Complete 🗎 - Late

Manage Project Tasks...   Manage Project Budget...

Program Phase	Project Assignments	Status	Due Date	Actual Submit Date	Milestone	Actual Complete Date
Choose Topic	Project Proposal	Complete	09/26/03	10/24/03	10/06/03	10/24/03
Plan Project	Research Paper	Complete	10/03/03	10/29/03	10/13/03	10/29/03
	Project Plan	In Review	10/10/03	10/29/03	10/20/03	
Do Project	Project Status Report 1	In Progress	10/31/03		11/03/03	
	Project Status Repo...		/03		12/15/03	
	Project Status Repo...		0/04		02/09/04	
	Project Status Repo...		7/04		03/08/04	
Finish Project	Project Completion R...		3/04		04/19/04	

A visible indicator of student progress compares where a student is at in their project to where the student should be at this point in the timeline.

Specifically designed tools help students manage their tasks & times and budget.

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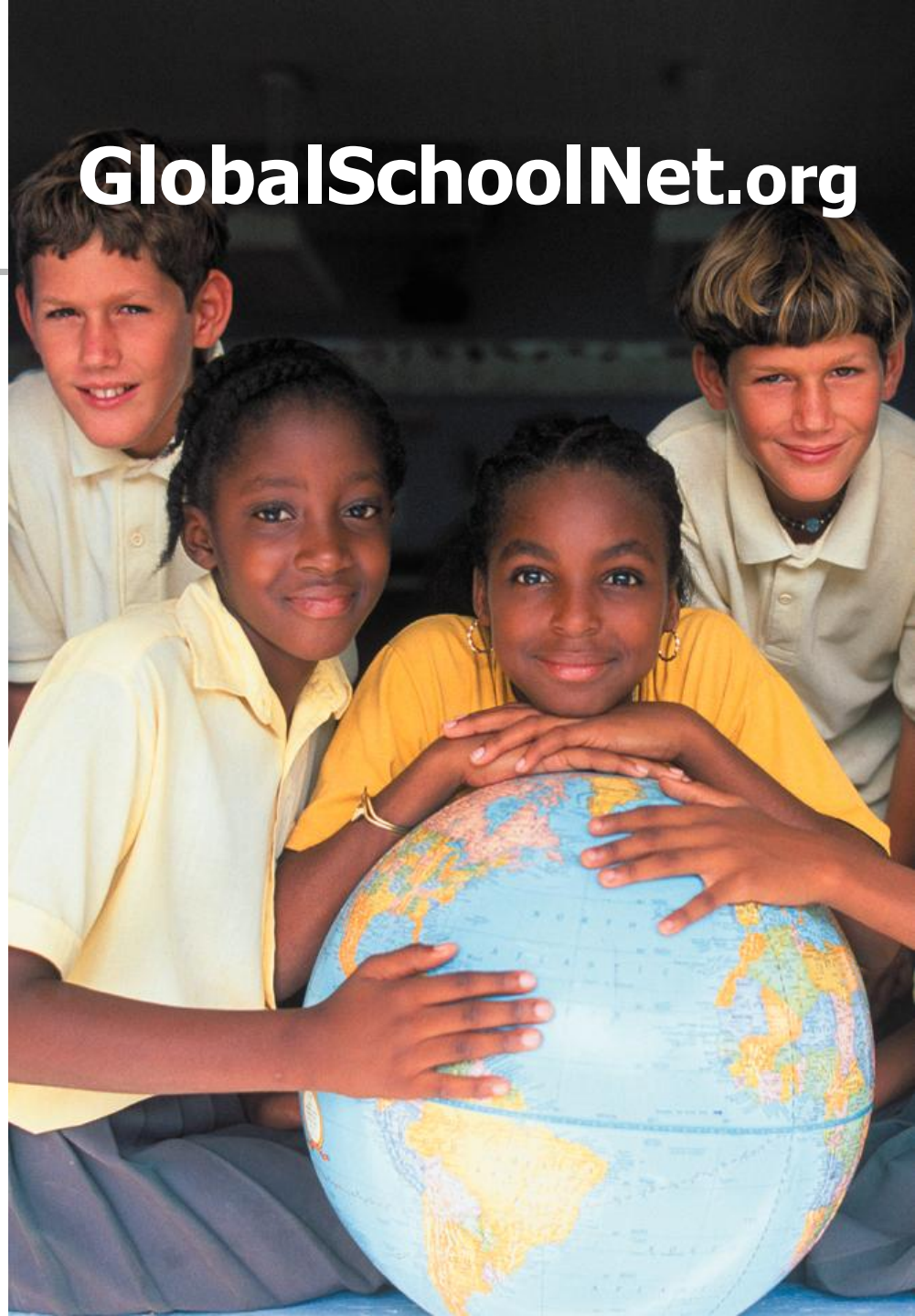
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Our Vision

GlobalSchoolNet.org

- Transform students from passive consumers to productive contributors

- Create new models of communication & cooperation between students, their communities, and the environment

- Foster global understanding through collaborative learning and problem solving

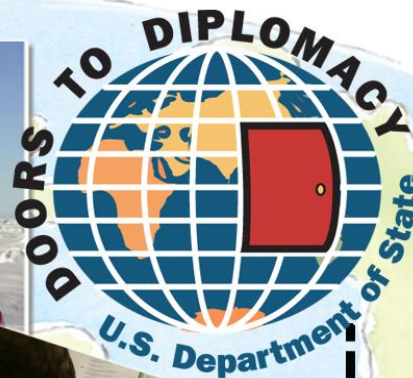# Projects, Competitions, and Online Expeditions!

iPoPP
International Projects or Partners Place

DOORS TO DIPLOMACY
U.S. Department of State

Standards-based, collaborative, and geared to connecting

US students with students worldwide
. . . to explore community,
cultural and scientific issues!

CYBERFAIR
2007
Empower
& Unite!

GlobalSchoolNet.org

GlobalSchoolNet.org
Our Reach

- 100,000 registered members

- 45,000+ schools

- In all 50 USA states and 190+ countries (from Albania to Zimbabwe)

Very Cool Online Projects & Teacher Tools!

GlobalSchoolNet.org

Global SchoolNet is our lifeline - taking us out of the ghetto and into the world where we stand on equal footing with children from around the nation and from around the globe!
-Mary Seifert, teacher from Memphis, TN

PLEASE help us get the word out about TWO international student project-design competitions!!

INTERNATIONAL SCHOOLS CYBERFAIR (for ages 8-19)
∗ Projects must focus on **local community** topics including local history, culture, business, leadership, environment, etc

DOORS TO DIPLOMACY (for ages 13-19 years)
∗ $2,000 USD scholarships for each student, $500 USD cash for schools
∗ Projects must focus on **global issues** including world leadership, environment, economics, history, science, culture, etc

Projects must be completed by March!

**Details at GlobalSchoolNet.org
PH: 760-635-0001**

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iEARN

International Education and Resource Network

A global network of 20,000 schools & youth organizations using technology to collaborate on projects that address social and environmental issues.

iEARN

www.iearn.org

CONNECTING YOUTH
Making a Difference in the World

iEARN Global Team

120 Country Programs

www.iearn.org

iEARN

More than 150 Teacher and Student Designed Projects Currently Underway

Africa Great Lakes Region Collaboration
Global Art: Images of Caring
Connecting Math to Our Lives
Moving Voices Digital Video Exchange
Breaking the Silence: The Trans-Atlantic Slave Project
Child Soldier Project
PEARL World Youth News
Educating on Peace and Reconciliation After War
Education and Eradication of Malaria
Feeding Minds, Fighting Hunger
Balkan Voices – Curriculum Exchange Project
Land Usage and Distribution
Learning Democracy through International Collaboration
Local History Project
Water Habitat Project
Young Scientists Tsunami Collaboration Project

www.iearn.org

Active Learning

- Students engage in complex real world issues.

- Use problem solving & critical thinking skills.

- Learn to apply knowledge in a variety of contexts.

- Learn and apply interpersonal skills as they work cooperatively.

iEARN

www.iearn.org

CONNECTING YOUTH
Making a Difference in the World

Projects are our *Innovation* Factory

"I wanted kids to have the tools and self-confidence to achieve their dreams, one project at a time. There's no telling what our future holds with an entire generation of skilled, confident individuals ready to take on any project."
Author, Kim Liegel

Building a Brighter Future, One Project at a Time

Kim Liegel - Project Management Professional, Writer, and Mom

Frameworks,
Tools,
and Thinking
Strategies
for Doing
ANY Project

Make
It
Happen!

**Step-By-Step Project Success
for Parents and Teachers**

Designed with
the High School
and Middle
School Student
in mind

by **Kim Liegel**, *PMP*
Certified Project Management Professional

Author Kim Liegel, PMP offers concepts and strategies she's used at some of today's most successful businesses, including Nike, Oracle, and Symantec in an understandable and interactive format that can be applied to any project.

She is an internationally certified Project Management Professional (PMP) with more than fifteen years of hands-on, real-world project management experience.

She is actively involved with the Project Management Institute, volunteering time and leadership for both local and international project management initiatives to help further develop the professional discipline.

1st *Make it Happen!* graduating class, Spring 2003

Student Testimonials

"I feel I can be more organized now, and I will have more confidence for future projects."
Shawn A., 8th grader

"Kim taught us how to design a plan. She had us put deliverables in a category and write requirements for each. We also did the same thing for tasks. It made the project easier."
Venesa B., 8th grader, Kelly Middle School

Make It Happen! **interactive events are available for local delivery. Workshops can be delivered separately or combined into a custom program package.**

Author, Kim Liegel, PMP, will work with you to determine how best to meet your specific interests and needs.

If you are interested in detailed information or scheduling an event, please contact us at info@makeithappen.ws.

Kids need more than ideas and concepts to be self-empowered. They need real tools and skills to achieve their goals.

The way to turn goals into reality is through projects, however this is a complex process requiring skills and strategies most commonly taught in the "School of Hard Knocks".

Through the *Make It Happen!* experience, kids will become self-empowered to make their goals really happen!

Go to www.MakeItHappen.ws for more info on tools and worksheets

Teacher Testimonial

"Some students have difficultly managing multiple tasks and deadlines; others have trouble understanding specific project requirements or find it hard to get started.

Liegel's Project Planning process outlined in *Make It Happen!* showed them how to set an individual work schedule and monitor progress, which increased student control and responsibility for learning.

These valuable lessons will help them be more confident and successful in school and beyond. Students using Liegel's Project Planning materials completed high-quality work and were actively engaged in the learning process."
John Wayland, Teacher, Kelly Middle School

For more information, please visit
www.MakeItHappen.ws

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a **regional center** that empowers educators, students and local community members to **dramatically improve learning outcomes through the use of technology and project-based learning**

Programs

- •(LINC-FastTech) Short Technology Courses
- •Adobe Teach the Teacher Classes (RAFT)
- •Earn While You Learn and EWYL Fellows Institutes

LINC-Fast Tech Classes

- **Short Courses**
- **Inexpensive**
  - **$17 unit (CA Residents) + $11 reg. fee**
- **Multiple Locations**
- **Online--face to face**
- **Technology and Software Skills**
- **Technology Integration**
- **Hands-on, fun**
- **Network with others**

Earn While You Learn Institute (EWYL)

- **Donor Funded**
- **Technology and Curriculum Integration**
- **Project-based/Inquiry-based learning**
- **10 CEU Units plus stipend**
- **Three Week Institute**
- **Year Long Commitment**
- **308 teachers in 6 years**

EWYL Fellows Program

- **EWYL Graduates**

- **Collaborative Project Teams**

- **Palms or iPods**

- **Stipends**

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A School Development Organization

New Technology High School

Napa, California

http://www.newtechhigh.org/

- **Integrating technology into every class**

- **Interdisciplinary and project-based**

- **Internship class consisting of classroom curriculum and work-based learning in regional companies**
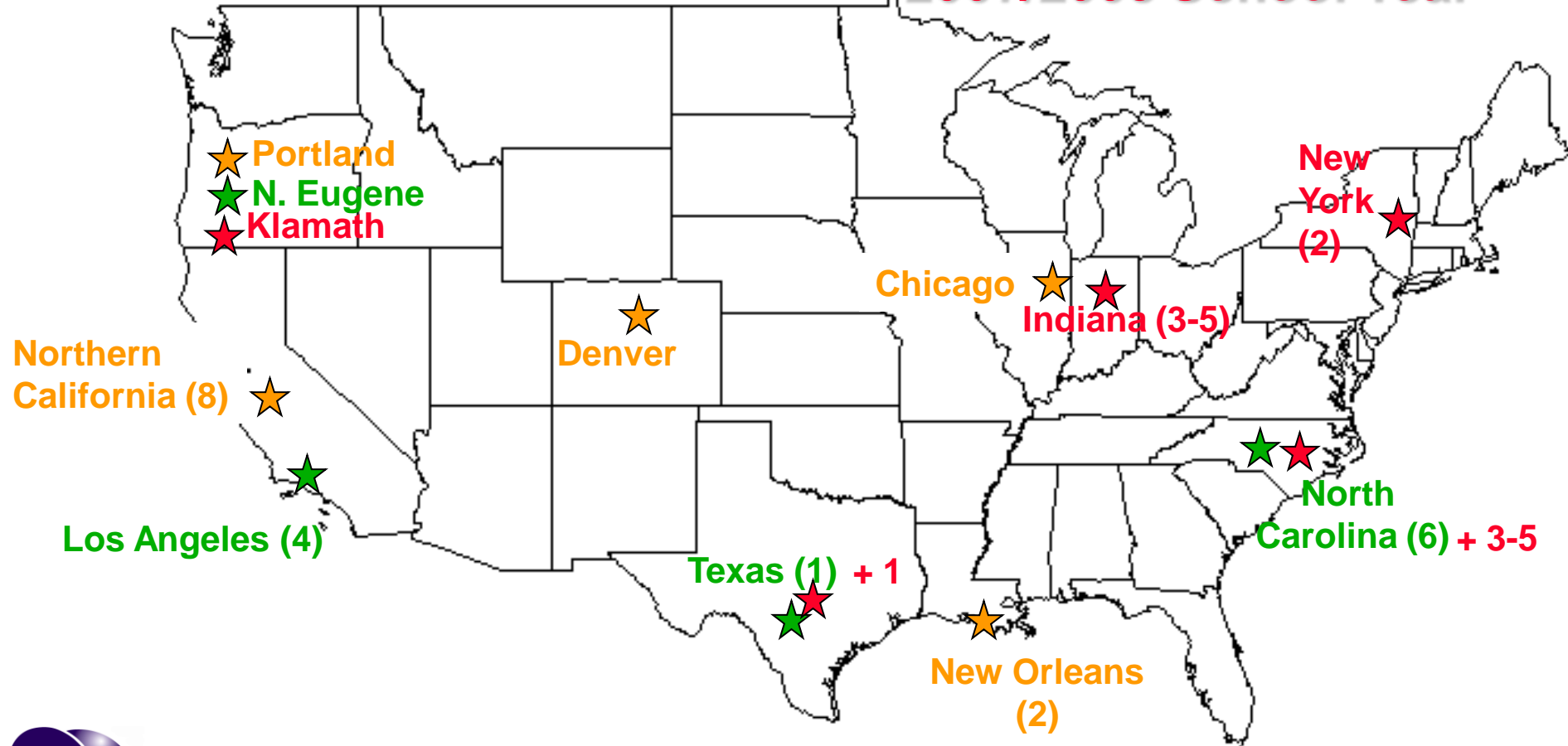
- **Digital Portfolio**

http://www.newtechfoundation.org/
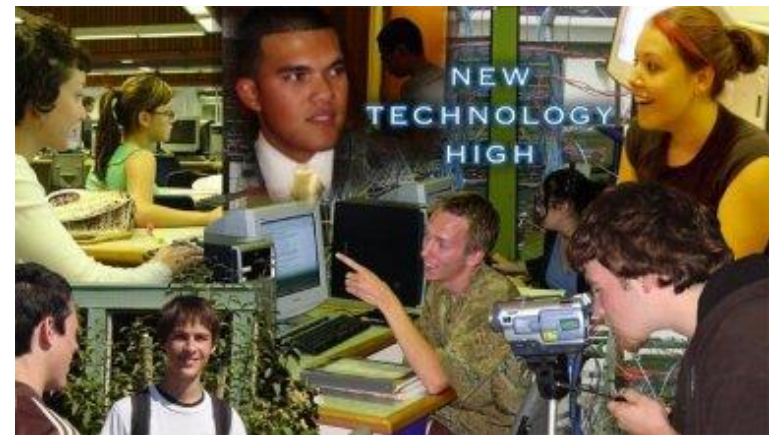
21st Century High Schools

NETWORK PROGRESS

2005/2006 School Year

2006/2007 School Year

2007/2008 School Year

Anchorage

Portland

N. Eugene

Klamath

Northern California (8)

Los Angeles (4)

Denver

Texas (1) + 1

New Orleans (2)

Chicago

Indiana (3-5)

New York (2)

North Carolina (6) + 3-5

NEW TECHNOLOGY HIGH SCHOOL
Study Tours and Visits
(late September → March)

http://www.newtechfoundation.org

Contact Information

New Technology Foundation

Susan Schilling - CEO

www.newtechfoundation.org

707-253-4287

1746 Yajome

Napa, CA 94559

Bob Pearlman

Director of Strategic Planning

bobpearlman@mindspring.com

www.bobpearlman.org

520-881-9965

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Oracle Education Foundation

- Public Charity

- Board Majority Appointed by Stanford University

- Majority of Board Members are Educators and Educational Technologists

- All Services are Offered Free-of-Charge

ORACLE
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Oracle Education Foundation

Mission

"We inspire students to think, connect, create, and share; using technology to help fulfill individual potential, dissolve boundaries, and create a better society."

ThinkQuest

ThinkQuest

ThinkQuest challenges young people to create innovative and educational websites to share with the world. Along the way, students build research, writing, technology, and teamwork skills. Completed sites are published in the popular ThinkQuest Library and entered into an international competition. Award-winning teams receive prizes and travel to an awards celebration.

- 125,000 participants from 100+ countries over last 8 years
- Fun, project-based learning: teamwork, research, critical thinking, project management, technology and content creation
- Teams of 3-6, ages 9-19, supervised by teacher/coaches
- Great prizes, recognition, trips, experience, publication of work in ThinkQuest Library, a highly-valued educational resource

TQ Library has nearly 6000 websites – over 2.5M visits per month!

Think.com

Think.com

Think.com is a protected online community providing students and teachers with individual websites, project forums, and email. Within this teacher-mediated space, students can post essays, images, polls and debates, empowering individual expression and enabling group collaboration.

- A protected, global, school-based, online community with safe blogging, spam-free email, and a rich suite of collaborative project learning tools

- Over 300,000 active students and teachers from 45+ countries in over 10,000 schools

- Translated into 8 languages

- Newly updated Project Space hosts student-, teacher- and organization-led international projects

- Integrated with the ThinkQuest program

- A free resource to schools worldwide

Think.com has enrolled over 750,000 members worldwide!

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Forging new generations of engineers

Who is Project Lead The Way?

- ☐ **A National Not-For-Profit Organization**
- ☐ **Who's goal is to: Create dynamic partnerships with our nation's schools to prepare an increasing and more diverse group of students to be successful in engineering and engineering technology programs.**
- ☐ **Through both middle and high school programs of study.**
- ☐ **Currently in 1,763 Schools, in 46 States & D.C. and partnered with 33 Universities nationally.**
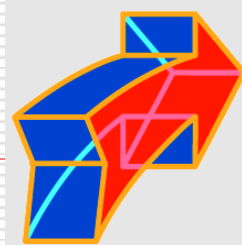
The Programs of Study

Introduction To Engineering Design
Principles Of Engineering
Digital Electronics
Computer Integrated Manufacturing
Civil Engineering and Architecture
Aerospace Technology
Bio-technical Engineering   (**choose One)
Engineering Design and Development

Middle School – Minimum of two units

Design and Modeling (9 wks)
The Magic of Electrons (9 wks)
The Science of Technology (9 wks)
Automation and Robotics (9 wks)
Flight & Space (9 wks)

Note: Course program requires college prep mathematics each year.
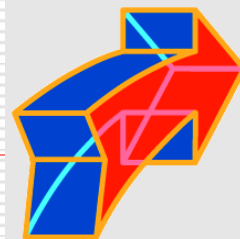
PLTW meets this mission by supporting schools with:

- A Fully-developed Curriculum for MS & HS
- Extensive Professional Development for Teachers
- Professional Development Conferences for School Counselors
- Affordability Through an Optional National Bid
- Partnerships with State Education Departments
- 4 & 2-year College Course Credit

To Learn more about Project Lead The Way - visit our web site at: www.pltw.org

Sponsored by **WestEd**

- Learn how **design, invention, and project-based learning** can be used to meet the needs of all students, providing them with multiple options in **authentic, standards-based learning experiences.**

- Find lessons and information that demonstrate how **technology can be integrated** in the curriculum and provide further help in creating **differentiated learning environments.**

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Web Site Features

- Exemplary Project-Learning projects with exhaustive lesson support

- PBL & Standards

- Assessing PBL

- PBL & Research

- Other Great PBL Projects

- PBL Resources

- Going Further

- Contacts/Links to Real People

WestEd