MLTI to Vermont: Key Structures

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The MLTI
Maine Learning Technology Initiative

The MLTI: Basic Facts

- What institutions participate?
  - All middle schools
  - Over half of all high schools
- Who gets a laptop?
  - All middle school and high school teachers
  - All middle school students
  - All high school students in participating schools (approx. 23,000)
- How many laptops are currently in use?
  - 2009 Deployment: approx. 67,000
  - Some additional laptops from earlier years have been bought by schools for use in K-6 classrooms
The MLTI: Key Support Structures

- School Leadership Teams
- Regional Mentors
- Statewide Mentors
- DOE-based specialists
- Independent consultants
- Apple-based PD teams

The MLTI: Key Features of the Laptop Agreement

- Cost per seat per year: $242 - Includes:
  - MacBook (2009 White Model)
  - Carrying Case
  - Software Image (updated annually)
    - OS X (latest mid-Summer version - currently Leopard)
    - Application Software (approx. 54 programs)
  - Replacement Batteries
  - Warranty-type Repairs
  - Device Pool for Replacements/Loaners
  - Wireless Infrastructure
  - Professional Development Support
The MLTI: PD Design

The CVEDC-ESA Survey
Respondents

- Teachers: 108
  - 59 completed the survey
- Others: 95
  - Subcategories:
    - 6 Curriculum Director
    - 13 Librarian
    - 25 Principal
    - 12 Tech Integration Specialist
    - 39 Other
  - 47 completed the survey

Software Used/Software Wanted by Teachers
Teachers and Classroom Practice

- Three Groups:
  - Group 1:
    - Provide independent study project opportunities for the students.
    - Provide long-range project opportunities for the students.
    - Give students different assignments or homework based upon individual ability or mastery of material.
    - Allocate time and opportunities for students to pursue enrichment projects beyond the usual scope of a course.
  - Group 2:
    - Assign creative or expository writing projects, with topics selected by the teacher.
    - Assign creative or expository writing projects, with topics selected by the student.
  - Group 3:
    - Teach critical thinking skills explicitly as part of the curriculum.
    - Ask open-ended questions of the students.

Non-Teachers and Classroom Practice

- Three Groups:
  - Group 1:
    - Teach critical thinking skills explicitly as part of the curriculum.
    - Ask open-ended questions of the students.
    - Give students different assignments or homework based upon individual ability or mastery of material.
  - Group 2:
    - Provide independent study project opportunities for the students.
    - Provide long-range project opportunities for the students.
  - Group 3:
    - Assign creative or expository writing projects, with topics selected by the teacher.
    - Assign creative or expository writing projects, with topics selected by the student.
    - Allocate time and opportunities for students to pursue enrichment projects beyond the usual scope of a course.
The Sessions Plan

The Topics by Month

- November 13: Theory into practice: TPCK & SAMR
- December 11: Social Applications and Collaboration
- January 15: Narrative and Media
- February 12: Analysis and Visualization
- March 12: UDL and Accessibility
- April 9: The Future is Now: Pervasive computing/augmented reality/educational gaming
- May 14: Conference & Presentations (Research)