PILOT
(Prepare to Integrate Learning Opportunities with Technology)

About PILOT
The PILOT program provides critical information regarding the implementation and integration of technology within a school district. The survey and summary report create a complete picture of the entire district which includes administrative, instructional and library/media personnel. This picture enables the district technology team to create a comprehensive technology plan which integrates the acquisition of technology with requisite skill development through a continuous, systematic professional development program. Additionally, PILOT can summarize data by school, district, region and state.

What PILOT Does
Successful participation in the PILOT program facilitates a paradigm shift in the way districts utilize technology. The program helps administrators, teachers and technology coordinators utilize data to create a clearly defined plan of technology acquisition and integration driven by the needs of each district.

PILOT Tier Structure
PILOT surveys the extent and scope of technology integration in classrooms, as well as levels of technology proficiency. The survey establishes “Tiers of Technology Integration and Proficiency” and based upon the results, educators throughout the state can select learning opportunities to advance their technology proficiency levels. The survey’s three-tiered structure provides benchmarks for professional skill advancement, focuses district technology training efforts and maximizes results.

The Tier system identifies benchmarks for Technology Integration and Implementation:

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<th>Tier 1</th>
<th>Tier II</th>
<th>Tier III</th>
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</thead>
<tbody>
<tr>
<td>Teacher Productivity</td>
<td>Instruction/Student Productivity</td>
<td>Student-centered Learning</td>
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</table>

The PILOT Survey
The PILOT program surveys four groups within the district:
1. Educators Grades K-4
2. Educators Grades 5-12
3. Administrators
4. Librarians/Media Specialists

The survey identifies:
- observable and best practices.
- professional development possibilities.
- required conditions for technology integration.
- technology resources needed to enhance integration and implementation.
PILOT Survey Categories

Technology Integration and Proficiency Survey
Educators Grades K-4 and Educators Grades 5-12

These surveys identify the extent and scope of technology integration in the classroom, as well as the level of technology proficiency.

In this assessment, the term “technology tools” refers to digital technologies such as computers, scanners, digital cameras and camcorders, computer software, document cameras, interactive white boards, email, websites, classroom response systems, CDs, DVDs, etc.

The survey employs a different response scale for each part of the survey—the grade-specific section and the general use of technology section.

Grade-Specific Scale

0 - Never
1 - Rarely (Once or twice a year)
2 - Occasionally (Three or four times a semester)
3 - Regularly (Weekly or whenever appropriate and useful)

Sample Questions K-4
1. My students use technology tools (with teacher assistance) to communicate and interact with others.
2. My students use technology tools in small groups or individually to explore new ideas.

Sample Questions 5-12
1. My students use technology tools to communicate and interact with teachers, parents, students, community members, or others for learning purposes.
2. My students use technology tools to engage in inquiry-based projects driven by essential questions.

General Use Scale

0 - I don’t know how to do this at all.
1 - I sometimes need help to do this.
2 - I feel comfortable doing this by myself.
3 - I would feel comfortable showing someone else how to do this.

Sample Questions, both groups
1. I can use collaborative tools (such as tracking changes in a document or using a wiki) for group editing and feedback.
2. I can use technology tools to manage and analyze student academic data for the purpose of improving my instructional practice.
Technology Proficiency Survey
Administrators, Librarians/Library Media Specialists

This survey assesses the level of technology proficiency.

In this assessment, the term “technology tools” refers to digital technologies such as computers, scanners, digital cameras and camcorders, computer software, document cameras, interactive whiteboards, email, websites, classroom response systems, CDs, DVDs, etc.

**Response Scale**
0 - I don't know how to do this at all.
1 - I sometimes need help to do this.
2 - I feel comfortable doing this by myself.
3 - I would feel comfortable showing someone else how to do this.

**Sample Questions**
1. I use technology tools to support collaboration, such as facilitating online discussions or group editing of a document.
2. I use multiple technology tools such as computers, document cameras, or interactive whiteboards (as available) to present information and concepts.
3. I use email or the web to communicate with colleagues, parents and others.
Tier 1: Teacher Productivity Station

(Supports the learning experience)

Observable and Best Practices
This tier focuses on the teacher using technology to get his/her job done. The teacher:

- Produces learning materials more effectively
- Communicates quickly with e-mail
- Finds instructional resources on the Internet
- Keeps / Organizes student information, grades more effectively
- Classroom Website: Post grades, classroom information, calendar, information for parents, etc.

Professional Development Possibilities

- Office-suite software training
- Internet I (searching for information, copyright, citations)
- Internet II (finding instructional resources on the Internet)
- Online teacher lesson resources awareness training

Required Conditions

- Computer network
- Technical Support ensuring successful operation of computers and network
- Administrative expectations for technology use for administrative purposes

Technology Resources

Standard technology resources, including:

- Standards-based computer
- Access to at least one printer
- Internet access
- Office suite productivity software
- Online teacher lesson resources (use as is)
- Access to student management software
Tier 2: Instructional Presentation and Student Productivity

*(Enhances the learning experience)*

**Observable and Best Practices**
This tier involves teacher facilitation of large group learning activities and student productivity use of technology (word processing, etc.).

- Brainstorm and share ideas
- Deliver visual presentations
- Represent information visually
- Conduct one-computer classroom lessons
- Facilitate group discussions and lessons
- Students write papers, reports on computer or smart keyboard
- Classroom Website: Post educational sites and resources

**Professional Development Possibilities**
- Presentation systems/techniques
- Presentation software
- Graphic organizer
- One-computer classroom strategies
- Group processes program-solving software
- Using handhelds and smart keyboards for writing and other student projects

**Required Conditions**
Conditions in Tier 1, plus:
- Good access to computers for student use
- Technical Support for projector/document camera use
- Administrative expectations for technology use for instructional purposes

**Technology Resources**
Resources in Tier 1, plus:
- Document camera
- Projector
- Graphic organizing software
- Online teacher lesson resources from the Internet (adapt and use)
- Printer(s) in classroom (BW Laser) (Color Inkjet)
Tier 3: Student-Centered Learning Classroom

(Transforms the learning experience)

Observable and Best Practices
This tier promotes student learning and the use of technology through project based learning:

• Inquiry-based, essential questions
• Research, analyze data and problem-solve
• Write, develop and publish products
• Invent products through programming
• Creating and using web quests and curriculum pages
• Authoring/reviewing work online
• Classroom Website: Post student work and projects

Professional Development Possibilities
• Using tech. in project-based learning
• Graphics and video-editing
• Web publishing
• Web quests and curriculum pages
• Using graphing calculators, probe-ware and/or robotics for problem-solving
• Internet safety for students

Required Conditions
Conditions in Tier 2, plus:

• School-based technology integration coach
• Ubiquitous access to computers for student use
• Opportunity for publishing and sharing online
• Administrative expectations and support for technology use for project-based learning

Technology Resources
Resources in Tier 2, plus selected:

• Multimedia production technology (digital camera, camcorder, video-editing software, etc.)
• Web publishing software
• Handhelds, graphing calculators
• Science probe-ware
• Robotics
• High tech classrooms or computer labs
Sample Report

District Technology Conditions Worksheet

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<thead>
<tr>
<th>Building</th>
<th>CRMS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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CRMS = Classrooms in the building

Tier Elements Key:

A = Basic Computer
B = Access to at least one printer
C = Internet Access
D = Office Suite Productivity Software
E = Online Teacher Lesson Resources (nonadapted)
F = Access to Student Management Software
G = Document Camera
H = Projector
I = Laptops
J = Online Teacher Lesson Resources (adapted)
K = Printer(s) in Classroom
L = Multimedia Production Technology
M = Web Publishing Software
N = iPads, iPods, Student Response Systems
O = Smartboards, Tablets
Web Address:  
http://edtech.wednet.edu/pilot/o/idaho/

Step 1:  
Create a new account to begin the survey.

Create your new account here.

This helps us tie the survey to the District and School.

Administrators & Librarians should select COLLEGE.
WORKFORCE TRAINING - 928 S. 8th Pocatello, ID 83209 - 208-282-3372