

Looking for Technology Integration (LoFTI)

Purpose: LoFTI is a tool to aid in the observation of technology integration into teaching and learning. The data gathered through use of this instrument should be helpful to building-level staff members as they plan and/or provide professional development in instructional technology. *For all items, check any and all which apply to the activities being observed.*

Is technology in use? (Circle): Yes No Time In: _____ Time Out: _____
 Date: _____ # of Students in class: _____ # of Students using technology: _____

Student Arrangement

- Tables, Centers, Pods
- Circle or U
- Cubicles
- Rows
- Other _____

Learning Environment

- Auditorium
- Cafeteria
- Classroom
- Gymnasium
- Lab
- Media center
- Multi-purpose room
- Outside
- Virtual environment
- Other _____

Student Grouping

- Independent work
- Learning centers
- Small groups
- Whole group
- Workshops
- Other _____

Instructional Collaborators

- Administrator
- Assistant
- Curriculum specialist
- Media coordinator
- Other teacher
- Outside consultant
- Special ed teacher
- Student
- Technology facilitator
- Volunteer
- Other _____

Content Area Activities

Check only if technology is being used

- Arts
- Career technical
- Computer/technology skills
- English/Language arts
- English as a second language
- Guidance
- Health
- Physical education
- Library/media skills
- Mathematics
- Foreign languages
- Science
- Social studies
- Other _____

Teacher Activities

Check only if a teacher is directly using technology for...

- Activating prior knowledge
- Assessment
- Cues, questions, and advance organizers
- Demonstration
- Differentiated instruction
- Facilitation (guiding)
- Lecture
- Providing feedback
- Questioning
- Reinforcing/recognition
- Scaffolding
- Setting objectives
- Summarizing
- Other _____

Student Activities

Check only if students are directly using technology for...

- Assessment
- Brainstorming
- Computer-assisted instruction
- Cooperative learning
- Classroom discussion
- Drill and practice
- Generating and testing hypotheses
- Identifying similarities and differences
- Problem solving
- Presentation
- Project-based activities
- Recitation
- Summarizing and note taking
- Other _____

Assessment Methods

Check only if technology is being used

- Oral response
- Product (e.g., project with rubric)
- Performance (e.g., presentation, demonstration)
- Selected response
- Written response
- Other _____

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Student engagement is shown by...

Positive Indicator of Engagement	Percentage of Students Using Technology <i>Circle your best estimate of the percentage of students using technology who show each positive indicator</i>	The opposite is Disaffection
Sustained behavioral involvement	100% 80% 60% 40% 20% 0%	<i>Tendency to give up easily in the face of challenges</i>
Positive emotional tone – cheerful, calm, communicative	100% 80% 60% 40% 20% 0%	<i>Boredom, depression, anxiety, anger, withdrawal, or rebellion</i>
Selection of tasks at the border of their competencies	100% 80% 60% 40% 20% 0%	<i>Selection of tasks well within their comfort zone</i>
Initiation of action when given the opportunity	100% 80% 60% 40% 20% 0%	<i>Passivity, lack of initiative</i>
Exertion of effort and concentration	100% 80% 60% 40% 20% 0%	<i>Laziness, distraction</i>

Technology is being used as a tool for...

Teacher	Student	(Check either Teacher or Student, or both)
<input type="checkbox"/>	<input type="checkbox"/>	Problem-Solving (e.g., graphing, decision support, design)
<input type="checkbox"/>	<input type="checkbox"/>	Communication (e.g., document preparation, email, presentation, web development)
<input type="checkbox"/>	<input type="checkbox"/>	Information Processing (e.g., data manipulation, writing, data tables)
<input type="checkbox"/>	<input type="checkbox"/>	Research (e.g., collecting information or data)
<input type="checkbox"/>	<input type="checkbox"/>	Personal Development (e.g., e-learning, time management, calendar)
<input type="checkbox"/>	<input type="checkbox"/>	Group Productivity (e.g., collaboration, planning, document sharing)

Technology hardware is in use by...

Teacher	Student	(Check either Teacher or Student, or both)
<input type="checkbox"/>	<input type="checkbox"/>	Assistive Technology
<input type="checkbox"/>	<input type="checkbox"/>	Audio (e.g., speakers, microphone)
<input type="checkbox"/>	<input type="checkbox"/>	Art/Music (e.g., drawing tablet, musical keyboard)
<input type="checkbox"/>	<input type="checkbox"/>	Imaging (e.g., camcorder, film or digital camera, document camera, scanner)
<input type="checkbox"/>	<input type="checkbox"/>	Display (e.g., digital projector, digital white board, television, TV-link, printer)
<input type="checkbox"/>	<input type="checkbox"/>	Media Storage / Retrieval (e.g., print material, DVD, VCR, external storage devices)
<input type="checkbox"/>	<input type="checkbox"/>	Math / Science / Technical (e.g., GPS, probeware, calculator, video microscope)
<input type="checkbox"/>	<input type="checkbox"/>	Computer (e.g., desktop, laptop, tablet, handheld, digital word processing device)
<input type="checkbox"/>	<input type="checkbox"/>	Other _____

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Technology **software** in use by...

Teacher	Student	(Check either Teacher or Student, or both)
<input type="checkbox"/>	<input type="checkbox"/>	Administrative (e.g., grading, record-keeping)
<input type="checkbox"/>	<input type="checkbox"/>	Assessment / Testing
<input type="checkbox"/>	<input type="checkbox"/>	Assistive (e.g., screen reader)
<input type="checkbox"/>	<input type="checkbox"/>	Computer-assisted Instruction (e.g., integrated learning system, tutorial, learning game)
<input type="checkbox"/>	<input type="checkbox"/>	Thinking Tools (e.g. visual organizer, simulation, modeling, problem-solving)
<input type="checkbox"/>	<input type="checkbox"/>	Hardware-embedded (e.g. digital white board, GPS/GIS, digital interactive response system)
<input type="checkbox"/>	<input type="checkbox"/>	Multimedia (e.g., digital video editing)
<input type="checkbox"/>	<input type="checkbox"/>	Productivity Software (e.g., database, presentation, spreadsheet, word processing)
<input type="checkbox"/>	<input type="checkbox"/>	Programming or Web Scripting (e.g., Javascript, PHP, Visual Basic)
<input type="checkbox"/>	<input type="checkbox"/>	Graphics / Publishing (e.g., page layout, drawing/painting, CAD, photo editing, web publishing)
<input type="checkbox"/>	<input type="checkbox"/>	Subject-specific Software
<input type="checkbox"/>	<input type="checkbox"/>	Web Browser (e.g., MS Internet Explorer, Netscape, Firefox)
		Web Applications
<input type="checkbox"/>	<input type="checkbox"/>	Course management software
<input type="checkbox"/>	<input type="checkbox"/>	Database systems
<input type="checkbox"/>	<input type="checkbox"/>	Discussion boards
<input type="checkbox"/>	<input type="checkbox"/>	Libraries, E-publications
<input type="checkbox"/>	<input type="checkbox"/>	Search engine
<input type="checkbox"/>	<input type="checkbox"/>	Computer-aided instruction, integrated learning system (e.g., tutorial, learning game)
<input type="checkbox"/>	<input type="checkbox"/>	Video, voice, or real-time text conference
<input type="checkbox"/>	<input type="checkbox"/>	Web logs
<input type="checkbox"/>	<input type="checkbox"/>	Web mail
<input type="checkbox"/>	<input type="checkbox"/>	Wiki
		NC-Specific Web Resources
<input type="checkbox"/>	<input type="checkbox"/>	<i>Learn NC</i>
<input type="checkbox"/>	<input type="checkbox"/>	<i>NC Wise Owl</i>
<input type="checkbox"/>	<input type="checkbox"/>	<i>SAS in School</i>
<input type="checkbox"/>	<input type="checkbox"/>	Other _____