

Teacher Computer 04
11/8 - 83 responses out of 138
60%

This is a survey of technology uses for L-S teachers. This survey includes many items from the Massachusetts Technology Self Assessment Tool. Thanks to Mark Sobkowitz who wrote the survey program for me to use.

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1. Department

Central - 4
Computer - 1
English- 10/20 (50%)
FATA - 10/14 (71%)
History - 7 /20 (35%)
Language - 7/17 (41%)
Library - 2 (100%)
Math - 11 /18 (61%)
Science - 17 /20 (85%)
Special Education - 9/13 (69%)
Wellness - 5 /9 (65%)

2. Number of years teaching?

15.6 average
12 median
25 mode
3-35 range

3. Number of years teaching at L-S?

10.5 average
7 median
4 mode
0.75-35 range

4. During the 2003-2004 school year, how often did you use technology for professional activities such as lesson planning, administrative tasks, communications, and collaboration?

Nearly every day - 51 (96%)
about once a week - 2 (3%)
about once a month - 0 (0%)
rarely or never - 0 (0%)

5. During the 2003-2004 school year, how often did you use instructional technology with students for activities such as research, multimedia, simulations, data interpretation, communications, and collaboration?

- Nearly every day - 12 (22%)
- about once a week - 21 (39%)
- about once a month - 17 (32%)
- rarely or never - 3 (5%)

6. During the 2003-2004 school year, how many hours of technology professional development did you take?

total hours	327.5
average hours per response	6.3
Range of hours	0 - 100

7. During the 2003-2004 school year, did you receive informal professional development from a technology expert in your school (including support such as coaching, mentoring, and co-teaching)?

- True - 49
- False - 7

8. Did you take professional development workshops or courses via distance learning during the 2003-2004 school year?

- True - 15
- False - 41

9. Technology Operations & Concepts- I know how to (check all that apply)

Early Technology User

- Save/backup and retrieve a file to/from the desktop, hard drive, external device - 55 (98%)
- Select a printer and change print orientation - 55 (98%)
- Connect the cables and cords in order to operate a networked computer - 39 (69%)
- Use basic word processing editing tools(alignment, spell check, insert clip art) - 54 (96%)
- Use correct terminology when speaking about Internet communications(browser, ISP, search engine, etc.) - 35 (62%)
- Add a web site to Favorites or Bookmark for future reference - 52 (92%)

Developing Technology User

- Manage files, to save, locate and organize on both local and remote network spaces - 49 (87%)
- Operate peripheral equipment (scanner, printer, camera, projector) - 36 (64%)
- Resolve basic technical difficulties (reboot, paper jam, toner replacement) - 46 (82%)

- Create an original spreadsheet entering simple formulas(various number formats, equations, percentages, exponents) - 39 (69%)
- Define terms and functions of a database and use it for simple analysis - 15 (26%)
- Create and manipulate graphics using a drawing or painting program - 39 (69%)

Proficient Technology User

- Create a simple multimedia presentation and explain the terminology - 19 (33%)
- Save, retrieve, load and import documents in different file formats - 33 (58%)
- Identify, download and use multimedia, graphic, sound and video files - 23 (41%)
- Install new software from a variety of sources per district policies - 24 (42%)
- Demonstrate effective search strategies to locate and retrieve electronic information(e.g. use syntax and Boolean logic operators correctly) - 15 (26%)
- Create a basic Web page - 17 (30%)

Advanced Technology User

- Identify and use methods for downloading and converting graphic, sound and video files using different formats where appropriate - 12 (21%)
- Import/export and link data between spreadsheet, databases and other applications - 14 (25%)
- Design and manipulate an original database - 13 (23%)
- Create and publish a web page per district policy - 11 (19%)

10. Ethics & Safety - I know how to (Check all that apply)

Early Technology User

- Access the L-S Acceptable Use Policy (AUP) on the school website - 33 (58%)
- Apply rules for responsible use of computers - 38 (67%)
- Explain copyrights as applied to computers and technology in education, the workplace and society - 32 (57%)
- Follow appropriate licensing and documentation for all software used - 26 (46%)
- Explain problems viruses create and methods to avoid them - 22 (39%)
- Follow the proper school procedures for reporting computer difficulties - 40 (71%)

Developing Technology User

- Use the program turnitin.com to determine if a student has plagiarized using a source from the Internet - 14 (25%)
- Cite electronic sources correctly in my own projects and model this in the classroom - 27 (48%)
- Ensure responsible use of technology by students: a. intellectual property b. copyright laws c. effective use of resources - 24 (42%)
- Validate a web site for authenticity - 14 (25%)

Proficient Technology User

- Address situations where inappropriate sites are accessed and contact proper school personnel to block such sites - 17 (30%)

Advanced Technology User

- Manage assistive technology equipment and install peripherals for diverse learners(alternative keyboards, voice recognition, OCR software) - 8 (14%)

11. Teaching & Learning with Technology - I know how to (Check all that apply)

Early Technology User

- Integrate technology into my discipline with the help of another staff member - 48 (85%)
- Use email with teachers to discuss curriculum - 54 (96%)
- Use word processing to support teaching and learning - 53 (94%)

Developing Technology User

- Design and develop lessons that integrate technology for a variety of students - 41 (73%)
- Manage student technology activities to optimize learning with available resources(e.g., in a one-computer classroom, a computer lab or with wireless technology) - 40 (71%)
- Use appropriate technology to differentiate instruction(multimedia presentations, concept maps, etc.) for all learners - 26 (46%)
- Use applications to organize curriculum specific information/data into charts, tables and diagrams - 28 (50%)
- Create multimedia presentations to communicate curriculum content - 18 (32%)
- Integrate results of electronic research into classroom instruction with proper citations - 24 (42%)
- Locate and enroll in appropriate technology professional development activities - 21 (37%)

Proficient Technology User

- Plan for the management of technology resources within the context of learning activities - 23 (41%)
- Use technology to support learner-centered strategies that address all students - 27 (48%)
- Use the Internet for curriculum development and instruction - 41 (73%)
- Use appropriate technology tools to enhance one's own curriculum(e.g. projectors, wireless laptops, handhelds, environmental probes, sensors, robotics) - 33 (58%)
- Use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning - 25 (44%)

Advanced Technology User

- Use technology to challenge students to use higher order thinking skills and creativity - 30 (53%)
- Develop web pages for instruction and communication - 14 (25%)
- Routinely and rigorously identify, evaluate, and apply emerging technologies as they relate to teaching and learning - 12 (21%)

12. What types of technology professional workshops should be offered this summer?

- Web (10)
- Presentation (4)
- Teacher records on the web?
- multimedia
- web retrieval?
- strategies for 5 computers in the classroom (3)
- ethics
- LS network (3)
- productivity - wp, ss, db, email etc.
- attendance
- iPhoto
- Photoshop
- survey of instructional technology in the arts
- iPASS
- Assistive technology (3)
- turnitin.com

13. What do you use the school web site for (www.lsrhs.net)?

Nothing - 11 (20%)

Daily announcements - 33 (60%)

Creating web pages as an instructional tool for my classes - 8 (14%)

Other - 22 (40%)

14. What do you use iPASS for?

- Classlist 9
- Schedules 20
- attendance when ready 3
- student info 16
- nothing 2
- don't understand
- liaison 2
- grades 3
- email - teacher news (one does not use iPASS for this)
- my personal calendar

15. How has the new computer technology (classroom computers, computer labs, wireless, ibooks, network drops) impacted your role as a teacher?

- use it more
- not too much (2)
- need more time to learn how to use it (5)
- broaden access to information
- It enables students to do experimental and exploration activities practically in this setting.
- iBook labs gives a better chance of being able to use the computers
- I use the projector fairly often, to display interactive web sites I've found, like a site to graph $y=mx + b$ that is interactive, and gives hints; I've used web sites to have kids review as well
- Kids could work on missing worksheets while kids who missed labs can do them in the classroom.
- Laptops - class of 30 - 1 laptop for 2 students - able to make conjectures with sketchpad and the explore the 1s web site
- Lab - use every day in my 4 level.
- too early in the year, but staff access to computers in office has been very useful
- I am excited to develop some lessons for Introduction to Wellness and Fitness Courses which incorporate the technology. So I would say it has energized and motivated me.
- helped but takes more time and made it more complicated
- easier to connect and complete work
- As an art teacher I constantly document student work as they finish it and keep it in albums where they can access it.
- Not significantly other than I am now able to work more often at school as I now have a dept. laptop.
- It makes everything I do easier, in curriculum, instruction and administrative tasks
- Much easier to access information about a question just asked in class. Students have typed the vocab lists and notes while the class is discussing them; then we have a hard copy for all and I don't have to make up the handouts outside of class. Students can print material and play presentations.
- Not much: it's still pretty much a typewriter, mailbox and data storage unit for me.
- great improvements
- Very positive impact! We use the labs and in class to access current information that is not in our textbook. The technology allows me to make the class more interesting and 'real world' for students.
- one more tool to use among many
- It increases productivity. It makes my school very busy.
- a bit, can have kids do things on the spot in the classroom, effective to be able to access one's folder from anywhere
- lots of info and opportunities to access info ASAP in class. Communications with absent students. Keeping everyone up-to-date concerning any changes in the syllabus
- love the ease of showing visuals

- FAR easier to get things done. Still working on using the computers in the classroom for part of a lesson plan.
- Freed up time devoted to basics
- I check e-mail more frequently
- makes the teaching of writing much easier (I\'m in English and special ed), increases research possibilities, helpful for disabled students
- Having more computers has made my life easier; having email/server access from home has also been positive
- much easier to have the computers in the classroom. Not relying on scheduled time in the lab for projects any more. More available projectors and computers in the classroom means that I use more multi-media in instruction. Having Zone 2 DVDs is amazingly helpful!
- nice to have ibooks--greater access to internet (no lines); great to have computers in room for kids who need to use a computer for tests and quizzes
- Having more computers around has made it easier to check e-mail. I haven\'t taken advantage of this yet this year, but I anticipate having network/wireless connections in my classroom will help tremendously with any teacher and/or student presentations. Having ready access to an ibook makes these sorts of presentations easier as well (no trekking down to the humanities lab and rolling that cart back to the English wing!).
- Helped me organize material in a better way. allows me to communicate more often and effectively. allows me to create lessons with the help of internet and assign e-mail work to my students.
- Easy access to computers and instruction has cut down on the amount of time I spend writing reports, consulting with teachers, researching new laws in special education, enhanced paraprofessional training with teaching assistants, improved IEP writing, enhanced student support when researching topics,
- It has made me realize that i need to get up to speed and take more workshops.
- t has allowed me to incorporate different methodologies and modalities in my teaching; it has allowed me to teach to different learning styles;
- allows me to access a variety of different resources or materials necessary to do my job; it has significantly impacted my ability to perform
- above and beyond the call of duty on a minute-by-minute basis!!!!!!
- the duties required of me
- so far not too much of an impact, however, with Kurzweil now available, I plan on it having a greater impact by freeing me up a bit, plus offeriing new tech. to my students