Teacher Technology and Growth (TTAG) 2010

1. Please tell us a bit about yourself.

	Response Percent	Response Count
Name (optional):	100.0%	11
	answered question	11
	skipped question	20
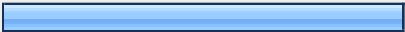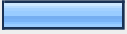
2. School District

	Response Percent	Response Count
Bedford, NH	0.0%	0
Groton-Dunstable,MA	0.0%	0
Mohawk Trail Regional, MA	0.0%	0
Ludlow, MA	100.0%	31
Other (please specify)		0
	answered question	31
	skipped question	0

3. In which level do you mainly teach?

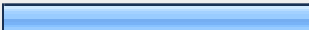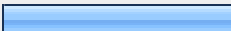|	Response Percent	Response Count
Elementary School	3.3%	1
Middle School	96.7%	29
High School	0.0%	0
Higher Education	0.0%	0
	answered question	30
	skipped question	1

4. The competent teacher composes standard educational publications such as parent newsletters and handouts for students and class lists. Teaching students how to prepare their own readable and useful documents on a computer. Which of these statements most closely describes your current skill?

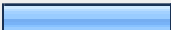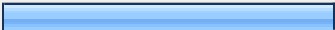|		Response Percent	Response Count
You can produce simple, straightforward learning documents with a word processor.		21.4%	6
You can lay out tables, add images, and format multi-column documents that follow accepted principles of usability and design.		**60.7%**	**17**
In addition, your students can lay out tables, add images, and format multi-column documents that follow accepted principles of usability and design.		17.9%	5
		answered question	**28**
		skipped question	**3**

5. The competent teacher puts student test scores into a spreadsheet and analyzes them; prepares curriculum materials with digital tables and graphs of curriculum content, records measurements from science experiments directly into a computer. Which of these statements most closely describes your current skill?

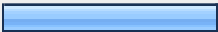|		Response Percent	Response Count
You can produce a simple spreadsheet of several dozen data points, with computed totals and averages.		**61.5%**	16
You can, in addition, include formulas, construct charts, and sort data. And includes them in academic assignments for students.		30.8%	8
You can construct workbooks combining several sheets, and use statistical formulas to analyze complex data.		7.7%	2
		answered question	26
		skipped question	5

6. The competent teacher organizes information graphically. Uses specialized graphic organizers, as well as word processors or presentation programs, to create digital representations of educational information. Includes these tasks regularly in assignments for students. Which of the following statements best describes your current skill?

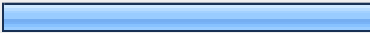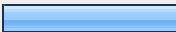|		Response Percent	Response Count
You can produce a simple curriculum-related diagram with two levels of detail.		**46.2%**	**12**
You can produce curriculum-related diagrams and other graphic representations with at least three levels of detail.		34.6%	9
You can produce multi-level diagrams and other graphical forms with links to outside resources and examples.		19.2%	5
		answered question	**26**
		skipped question	**5**

7. The competent teacher, for both professional work and classroom assignments, chooses the most appropriate research tools and databases; applies effective search techniques to produce useful and safe online resources in the classroom. Which of these statements most closely describes your current skill level?

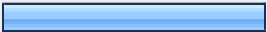|		Response Percent	Response Count
You can use a multiple keyword search to produce a list of relevant resources for teaching or learning.		25.0%	7
You can deploy generic search engines as well as specialized databases to locate learning resources appropriate to the interest and level of students.		**50.0%**	**14**
You can use advanced searching tools and a wide variety of specialized databases to produce original and provocative learning resources.		25.0%	7
		answered question	28
		skipped question	3

8. The competent teacher knows the difference between authoritative and untrustworthy sources; knows how to ascertain authorship; knows how to find sources with different points of view; and can teach these skills to students. Which of these statements most closely describes your current skill level?

	Response Percent	Response Count
You can make a cursory distinction between authoritative and untrustworthy online sources.	32.1%	9
You can analyze a URL to determine the nature of the publisher. You can identify sources from at least different points of view on a given topic.	28.6%	8
You can identify a wide array of resources from many points of view, distinguishing between user-contributed and authoritatively-edited sources.	39.3%	11
	answered question	28
	skipped question	3

9. The competent teacher knows a variety of methods for bookmarking and saving valuable online resources so that may easily be found later and employed in learning materials; uses accepted protocols for citing online sources; and teaches these skills to students. Which of these statements most closely describes your current skill level?
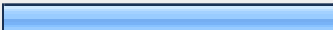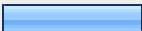
		Response Percent	Response Count
You can create bookmarks and save web pages.		**55.6%**	**15**
You can organize bookmarks of dozens of online resources for academic purposes. Teaches students effective saving and citation strategies for online sources.		25.9%	7
You can used specialized tools to download various media formats and add metadata to saved resources in organized databases.		18.5%	5
		answered question	**27**
		skipped question	**4**

10. The competent teachers uses email, instant messaging, mobile phones, and text messaging for communicating with students, parents, and colleagues; and knows how to organize and manage these tools in the classroom for learning. Which of these statements most closely describes your current skill level?

		Response Percent	Response Count
You can use email for communicating with colleagues, parents, and teachers.		**50.0%**	**14**
You can communicate with colleagues, students, and parents using at least three of these tools. You use at least one of these tools in classroom instruction.		39.3%	11
You use a wide array of digital communication tools for day-to-day work, applying at least three of these tools to lessons and assignments.		10.7%	3
		answered question	28
		skipped question	3

11. The competent teacher takes advantage of the tools listed above plus blogs, wikis, chats, audio and videoconferencing to bring outside resources into the classroom and to encourage academic collaboration among students. Which of these statements most closely describes your current skill level?

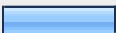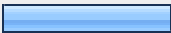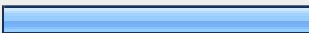|	Response Percent	Response Count
You can use basic digital collaboration tools such as chat to collaborate with colleagues.	**50.0%**	**12**
You can design and conduct collaborative assignments for students using at least two of these digital tools.	20.8%	5
You can create academic blogs, wikis, and videoconferences for specific learning projects, and involve students in their use.	29.2%	7
	answered question	**24**
	skipped question	**7**
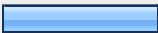
12. The competent teacher has mastered an array of tools and techniques for publishing learning materials online, from a simple teacher's web site to a complex curriculum wiki to the online posting of student projects, to podcasting. Which of these statements most closely describes your current skill level?

	Response Percent	Response Count
You can publish online in at least one format (web page, podcast, blog, wiki, webquest, Bloackboard).	**72.7%**	**16**
You can publish learning resources online in at least three formats (web page, podcast, blog, wiki, webquest, Bloackboard) and integrate them into teaching.	13.6%	3
You have placed most of your learning materials online for students to access in a wide array of formats.	13.6%	3
	answered question	**22**
	skipped question	**9**

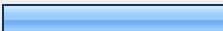**13. The competent teacher uses a computer to prepare and present academic ideas in a variety of forms and styles for better learning by all students. The teacher is aware of assistive technologies for disabled students. Which of these statements most closely describes your current skill level?**

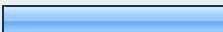|		Response Percent	Response Count
You prepare some learning materials with digital images.		**58.3%**	**14**
You include at least two different forms of media in your instruction to engage all students. You can modify some settings on student computers to make them more accessible to hearing or vision-impared students.		16.7%	4
You include images, audio, and video content in your teaching to better engage all students. You take advantage of assistive technologies such as BoardMaker and Clicker to meet the needs of disabled students.		25.0%	6
		answered question	24
		skipped question	7

14. The competent teacher uses digital still and video cameras, edits their output on a computer, and produces learning materials that range from simple slide shows to the archiving of student presentations and performances. Which of these statements most closely describes your current skill level?

		Response Percent	Response Count
With help, you can download images from a digital camera and create a simple slideshow of images.		30.8%	8
Independently, you can take pictures; capture audio and video, inserting both into simple slideshows or templates.		**46.2%**	**12**
You can also edit images, audio and video, producing a variety of learning materials. You can capture student work and create archives on disk or webpages.		23.1%	6
		answered question	**26**
		skipped question	**5**
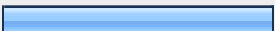
15. The competent teacher combines media from a wide array of sources into a useful presentation of academic content and teaches this skill to students.

		Response Percent	Response Count
With help, you can place images onto documents for classroom use.		**62.5%**	**15**
You teach your students to combine images, audio and video to create simple presentations of their learning.		33.3%	8
You and your students routinely use multimedia to display academic content in slideshows, webpages, and podcasts.		4.2%	1
		answered question	**24**
		skipped question	**7**
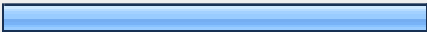
16. The competent teacher uses common tools for preparing slide shows, videos, and podcasts to create presentations that follow the principles of effective communication. Can apply these principles to the evaluation of students' digital work.

		Response Percent	Response Count
Using templates, you can create simple presentations with text and images.		**58.3%**	**14**
You prepare at least two presentation types from scratch, without templates, that follow design principles.		33.3%	8
You and your students create effective presentations of many types; you use a rubric incorporating design principles to assess student work.		8.3%	2
		answered question	**24**
		skipped question	**7**

17. The competent teacher uses common devices such as computers, projectors, and screens, to set up classroom presentations, deliver them comfortably and effectively, and arrange for students to do the same. Which of these statements most closely describes your current skill level?

		Response Percent	Response Count
If someone sets up the projector, you can deliver a simple presentation from your computer.		**51.9%**	**14**
You can set up the computer, projector and screen yourself and deliver presentations from your computer.		40.7%	11
You and your students routinely use a computer and projector to share presentations.		7.4%	2
		answered question	**27**
		skipped question	**4**

18. The competent teacher incorporates a variety of digital devices into instruction in the classroom, from large SmartBoards to tiny iPods; and uses them to extend learning opportunities for students outside of school. Which of these statements most closely describes your current skill level?

		Response Percent	Response Count
You rarely use any of these devices and only with assistance.		**64.3%**	**18**
You incorporate one or two new media devices into your classroom, under controlled settings.		35.7%	10
You routinely use these devices, as available, encouraging students to bring and use iPods for learning activities.		0.0%	0
		answered question	**28**
		skipped question	**3**

19. As you think back over this survey, where do you see your greatest needs for professional development? Please identify at least one aspect (Productivity, Research, Communication, Media, Presentation) that you would like to know more about as you become a more competent user of technology for teaching and learning.

		Response Count
		25
	answered question	**25**
	skipped question	**6**

20. Lastly, please take a moment to reflect on this survey and the TTAG as a framework. Thank you for your input!

	Response Count
	15
answered question	15
skipped question	16