

BWLI Teacher Demographic Survey

Before you begin the technology survey, please fill out this short background information survey. Thank you.

Several of the items on this survey make use of the FLASH plug-in. While most computers already have this installed, you may need to install the FLASH player to view the survey questions. If you are having difficulty with viewing or using any of questions that use a "slider," please click one of the following links to download the FLASH player for your computer.

Click [here](#) to download the **Windows** FLASH player.

Click [here](#) to download the **Mac** FLASH player.

1. What grade levels do you currently teach? (Please check all that apply.)

Grade 6

Grade 7

Grade 8

Other

Please specify other:

2. What subject areas do you currently teach?

(Please check all that apply.):

Social Studies/History/Geography

Science

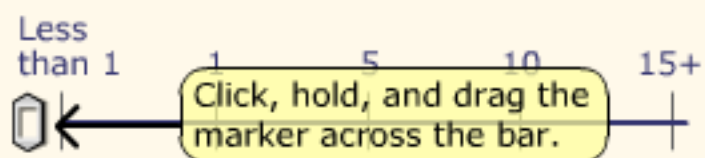
English/Language Arts

Mathematics

Other

Please specify other:

3. How many years have you taught throughout your career?

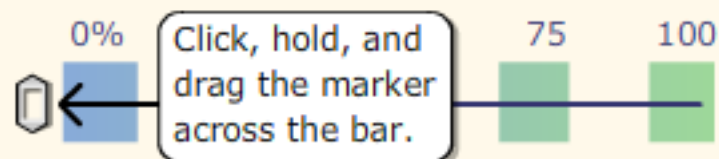


4. Are you familiar with the Massachusetts PreK-12 Instructional Technology Standards?

Yes

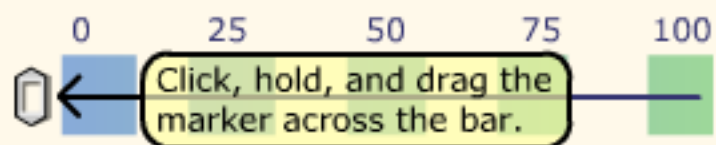
No

4a. If so, estimate the percentage of students you taught during the 2007-2008 school year who had mastered the technology standards for their level?



Your school is participating in a Boston College research study on the effects of computers on teaching and learning. In a moment you will take an online survey of your use of educational technology, and your opinions and attitudes regarding technology in schools. All survey responses will be kept entirely anonymous and confidential with no identifying information appearing in any form. Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

1. During the past school year, how many hours of technology-related professional development did you complete?



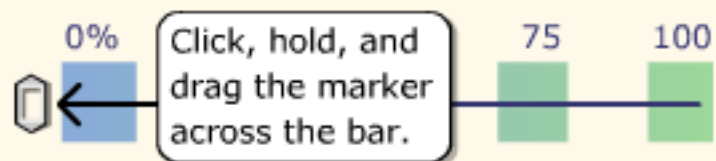
2. Specifically, which of the following **technology-related** professional development experiences have you personally participated in during the last year:

Frequency of Participation						Satisfaction		
times per year								
0	1	2	3	4	5+	Very Satisfied	Somewhat Satisfied	Not Very Satisfied
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

- Yes
 No

4. What percentage of the BWLI professional development have you been able to apply in your classroom or teaching?



5. Which professional development opportunities (that you have personally attended) have been most useful for you and your teaching? **Why** have they been useful?

[SUBMIT your answers](#)

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

6. Indicate how much you agree or disagree with each of the following statements.

	Strongly Agree	Agree	Disagree	Strongly Disagree
Students create better-looking products with computers than with other traditional media.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students interact with each other more while working with computers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computers help students grasp difficult curricular concepts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students work harder at their assignments when they use computers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students are more willing to write second drafts when using a computer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students develop a deeper understanding of the subject material when using a computer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students would use technology more at my school if there was less pressure to perform on standardized tests.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SUBMIT your answers

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Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

- 7.** What different types of technology do you have access to at school?
Specifically, please report the number of each of the following forms of technology that you currently have access to. *If you do not have your own classroom, skip to the next question.*

- Desktop computers in my classroom
- Laptop computers in my classroom
- AlphaSmarts, Danas, or Palm Pilots in my classroom
- LCD Projector/Computer Projection System in my classroom
- Printer(s) in my classroom
- Shared cart(s) of laptops in my school
- Computer lab(s) in my school building

- 8.** How easy is it for you to access technology resources when you want to:

	Very Difficult	Somewhat Difficult	Somewhat Easy	Very Easy
present information to the class using a projector?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
have some of your students use computers in class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
have all your students use computers in class?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
have your students use computers in a computer lab ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
have your students transfer files/information from their computers to yours?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
transfer files/information from your computer to your students' computers?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
transfer files/information from your students' computers to your computer?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[SUBMIT your answers](#)

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

9. During the past school year, how often did you use technology for professional activities such as lesson planning, administrative tasks, communications, and collaborations?

- Every day
- Once a week
- Once a month
- Never

10. During the past school year, how often did you use instructional technology with students for activities such as research, multimedia, simulations, data interpretation, communications, and collaborations?

- Nearly every day
- About once a week
- About once a month
- Rarely or Never

11. Indicate how much you agree or disagree with each of the following statements about 1:1 computing.

	Strongly Disagree	Disagree	Neither Agree/Disagree	Agree	Strongly Agree
My students have benefited greatly from their participation in the 1:1 laptop program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My teaching has improved as a result of the 1:1 laptop program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The impacts of any 1:1 computing program may take many years to be fully realized.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased technical support could have improved the effectiveness of the BWLI program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increased curriculum support could have improved the effectiveness of the BWLI program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would encourage other Massachusetts middle schools to adopt 1:1 computing programs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The costs and expenses associated with 1:1 laptop programs are not justified based on my experiences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The BWLI program has positively impacted my students' academic performance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The BWLI program has positively impacted my students in non-academic ways.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Compared to other educational initiatives and reforms, how effective do you feel 1:1 computing is for improving middle school education?

- Highly effective
- Somewhat effective
- Minimally effective
- Not at all effective

13. Specifically, during the past school year, how often did you perform the following in class?

	Never	About once a year	About once a month	About once a week	Daily
Use a computer to deliver instruction to your class	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Prepare or maintain IEP's using a computer	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Adapt an activity to students' individual needs using computers	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Make handouts for students using a computer	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Create a test, quiz, or assignment using a computer	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Perform research and lesson planning using the Internet	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Create WebQuests or build the Internet into a lesson	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Use a computer to present information to your class	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Use a computer to help students better understand a concept	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Use a computer to model relationships and/or functions	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Create and/or maintain Web pages	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Assess students using a computer	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Use a computer to communicate with teachers, parents, or administrators	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Have students use a computer to prepare for a standardized test or take practice tests	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>

Click, hold, and drag the marker across the bar.

14. During the past school year, how often did you ask students to produce the following using technology?

	Never	about once a year	about once a month	about once a week	Daily
Reports and term papers	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Multimedia projects	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Web pages, Web sites, or other Web-based publications	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Pictures or artwork	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Stories or books	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Graphs or charts	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>
Videos or movies	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>	<input type="range"/>

Click, hold, and drag the marker across the bar.

SUBMIT your answers

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

15. Indicate how much you agree or disagree with each of the following statements.

Since the laptop program began:	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
My goals for students have changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My role in the classroom has changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The school climate has changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student achievement in my classes has improved.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My beliefs about teaching and learning have changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My computer skills have improved.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My understanding of how people learn has changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The delivery of curriculum in my classes has changed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have had adequate professional development opportunities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The school has developed effective policies and procedures for the laptop program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students have greater freedom of choice with regard to their individual learning style.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My ability to assess and evaluate student work has improved.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SUBMIT your answers

BWLI Teacher Survey

page 6

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

- 16.** Please indicate below the effect you think laptops have had on different groups of students in the following areas.

	Traditional Students			At-Risk or Low-Achieving Students			High Achieving Students		
	Declined	No Effect	Improved	Declined	No Effect	Improved	Declined	No Effect	Improved
Participation in class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Behavior	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motivation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engagement/interest level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to work independently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to work in groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to retain content material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction with teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction with other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of student writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student peer review in class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

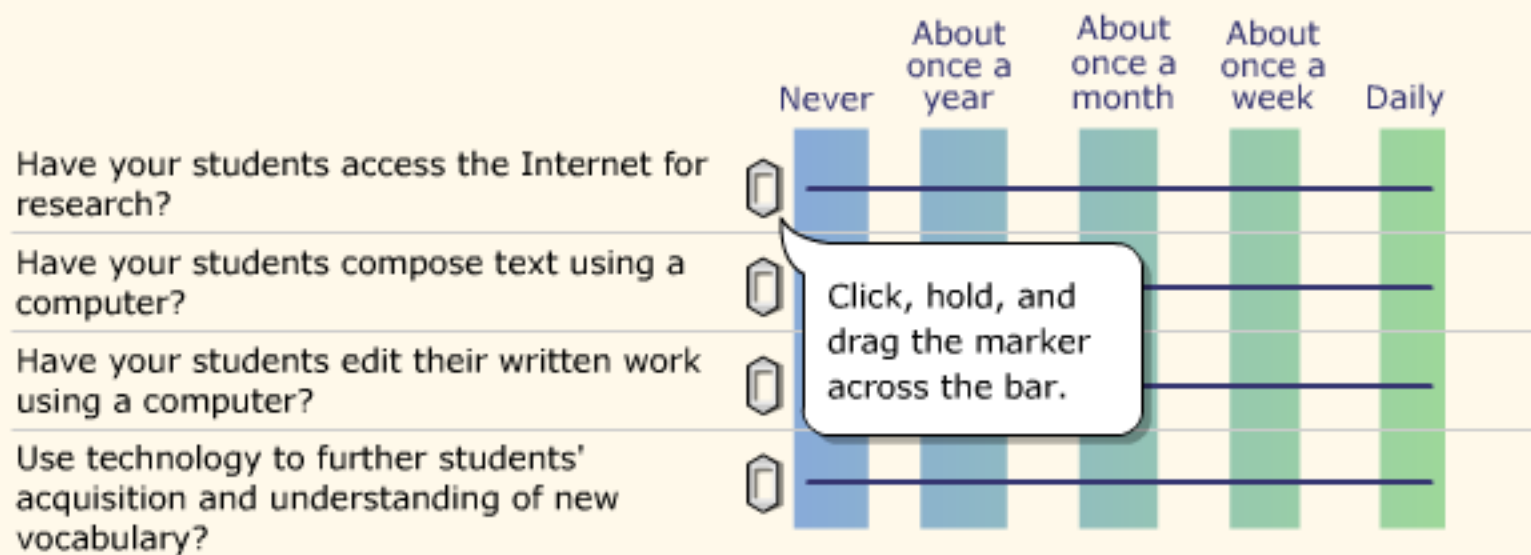
SUBMIT your answers

BWLI Teacher Survey, English/Language Arts

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

How often do you perform the following in class:

1.



Please give a brief example of using technology to further students' acquisition and understanding of new vocabulary. *Skip this question if you answered "Never" to the above question.*

2.



Please give a brief example of using technology to further students' knowledge and correct usage of Standard English grammar. *Skip this question if you answered "Never" to the above question.*

3.



Please give a brief example of using technology to help students understand different language styles of the world. *Skip this question if you answered "Never" to the above question.*

4.

Use technology to help students understand genre and/or themes?



Please give a brief example of using technology to help students understand genre and/or themes. *Skip this question if you answered "Never" to the above question.*

5.

Use technology to help students understand fiction, non-fiction, or poetry?



Please give a brief example of using technology to help students understand fiction, non-fiction, or poetry. *Skip this question if you answered "Never" to the above question.*

6.

Use technology to help students understand style and language?



Please give a brief example of using technology to help students understand style and language. *Skip this question if you answered "Never" to the above question.*

7.

Use technology to help students understand myth, traditional narrative, classical literature, and/or dramatic literature?



Please give a brief example of using technology to help students understand myth, traditional narrative, classical literature, and/or dramatic literature. *Skip this question if you answered "Never" to the above question.*

[SUBMIT your answers](#)

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

How often do you perform the following in class:

1.

Have your students access the Internet for research?

Use technology to help students understand number sense and operations (including decimals, fractions, percentages, etc.)?

Please give a brief example of using technology to help students understand number sense and operations (including decimals, fractions, percentages, etc.). *Skip this question if you answered "Never" to the above question.*

2.

Use technology to help students extend, represent, analyze, and/or generalize patterns with tables, graphs, words, and/or symbolic expressions?

Please give a brief example of using technology to help students extend, represent, analyze, and/or generalize patterns with tables, graphs, words, and/or symbolic expressions. *Skip this question if you answered "Never" to the above question.*

3.

Use technology to help students understand geometry?

Please give a brief example of using technology to help students understand geometry. *Skip this question if you answered "Never" to the above question.*

4.

Use technology to help students understand measurement issues (ex. conversion of scales via formulas)?

Please give a brief example of using technology to help students understand measurement issues (ex. conversion of scales via formulas). *Skip this question if you answered "Never" to the above question.*

5.

Use technology to help students understand data analysis, statistics and/or probability?

Please give a brief example of using technology to help students understand data analysis, statistics and/or probability. *Skip this question if you answered "Never" to the above question.*

SUBMIT your answers

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

How often do you perform the following in class:

1.

Have your students access the Internet for research?

Use technology to help students understand earth and space science?

Please give a brief example of using technology to help students understand earth and space science. *Skip this question if you answered "Never" to the above question.*

2.

Use technology to help students understand life sciences (biology)?

Please give a brief example of using technology to help students understand life sciences (biology). *Skip this question if you answered "Never" to the above question.*

3.

Use technology to help students understand chemistry?

Please give a brief example of using technology to help students understand chemistry. *Skip this question if you answered "Never" to the above question.*

4.

Use technology to help students understand physics?

Please give a brief example of using technology to help students understand physics. *Skip this question if you answered "Never" to the above question.*

5.

Use technology to help students understand technology/engineering?

Please give a brief example of using technology to help students understand technology/engineering. *Skip this question if you answered "Never" to the above question.*

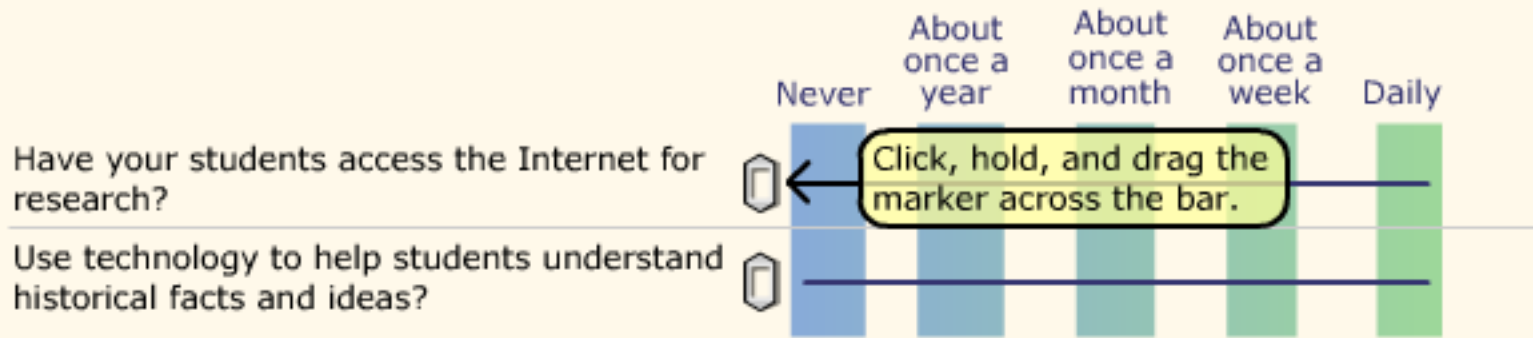
SUBMIT your answers

BWLI Teacher Survey, Social Studies/History/Geography

Please answer each question as best as you can. Your participation in this study is critical and we greatly appreciate your time and effort.

How often do you perform the following in class:

1.



Please give a brief example of using technology to help students understand historical facts and ideas. *Skip this question if you answered "Never" to the above question.*

2.



Please give a brief example of using technology to help students understand civics and government. *Skip this question if you answered "Never" to the above question.*

3.



Please give a brief example of using technology to help students understand economics. *Skip this question if you answered "Never" to the above question.*

4.



Please give a brief example of using technology to help students understand geography. *Skip this question if you answered "Never" to the above question.*

SUBMIT your answers