

TIQ Technology Implementation Questionnaire (Version 3)

This questionnaire is part of a study being conducted by the Centre for the Study of Learning and Performance at Concordia University in Montreal, Quebec. One of the goals of our centre is to develop curricular and technology enhanced tools consistent with best practices in education and to study their classroom use through an active association with teachers, students and administrators. In that regard, we have developed a questionnaire to learn more about the reasons why teachers do or do not use Learning Toolkit in their classrooms. Learning Toolkit is an integrated collection of evidence-based educational software developed by the Centre for the Study of Learning and Performance (CSLP) in collaboration with LEARN and school boards in Quebec and across Canada. The tools include ABRACADABRA, an English early literacy tool, ePEARL, a bilingual electronic portfolio tool that supports students' self regulation throughout primary and secondary school, and ISIS-21, an inquiry tool that promotes students' information literacy. Learning Toolkit is available to educators without charge. To gain an accurate understanding of these reasons, it is critical that we hear from both teachers who are using and those who are not using Learning Toolkit. Knowledge we gain from your responses will help in providing services to teachers where needed and requested.

Should you decide to identify yourself, we will keep this information strictly confidential and under no circumstances will your individual responses be released to the school or the school board administration. Participation in this project is voluntary and you are free to discontinue at any time. However, your professional experiences and opinions are crucial to helping us understand teaching from the educator's point of view and, in particular, how resources should be organized to best help you accomplish your objectives. We would greatly appreciate your taking the time to complete our questionnaire.

If you have any questions about the study, please feel free to call Dr. Larysa Lysenko at (514) 848-2424 ext 4007 or email her at larysa.lysenko@education.concordia.ca. If you have any questions about your right as a research participant, please contact Concordia University's compliance officer Kyla Wiscombe at (514) 848-2424 ext 7481 or by email to wiscomb@alcor.concordia.ca

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Your name _____

School name _____

INSTRUCTIONS

This questionnaire has four sections. Please mark **ALL** your answers by checking the most appropriate response when answering the closed-ended questions. Space is provided to record your comments to the open-ended questions.

SECTION I- Your Professional Views on Computer Technology

Using the scale provided, please rate the extent to which you agree or disagree with the following statements regarding the use of computer technology in the classroom: The use of computer technology in the classroom...		Strongly Disagree A	Moderately Disagree B	Slightly Disagree C	Slightly Agree D	Moderately Agree E	Strongly Agree F
1.	Increases academic achievement (e.g. grades).						
2.	Results in students neglecting important traditional learning resources (e.g., books).						
3.	Is effective because I believe I can implement it successfully.						
4.	Promotes student collaboration.						
5.	Makes classroom management more difficult.						
6.	Promotes the development of communication skills (e.g., writing and presentation skills).						
7.	Is a valuable instructional tool.						
8.	Is too costly in terms of resources, time and effort.						
9.	Is successful only if teachers have access to a computer at home.						
10.	Makes teachers feel more competent as educators.						
11.	Is successful only if there is adequate teacher training in the uses of technology for learning.						
12.	Gives teachers the opportunity to be learning facilitators instead of information providers.						
13.	Is successful only if computers are regularly maintained by technical staff.						
14.	Demands that too much time be spent on technical problems.						
15.	Is successful only if there is the support of parents.						
16.	Is an effective tool for students of all abilities.						
17.	Is unnecessary because students will learn computer skills on their own, outside of school.						
18.	Enhances my professional development.						
19.	Eases the pressure on me as a teacher.						

Using the scale provided, please rate the extent to which you agree or disagree with the following statements regarding the use of computer technology in the classroom: The use of computer technology in the classroom...		Strongly Disagree A	Moderately Disagree B	Slightly Disagree C	Slightly Agree D	Moderately Agree E	Strongly Agree F
20.	Is effective if teachers participate in the selection of computer technologies to be integrated.						
21.	Helps accommodate students' individual differences.						
22.	Motivates students to get more involved in learning activities.						
23.	Could reduce the number of teachers employed in the future.						
24.	Limits my choices of instructional materials.						
25.	Requires software-skills training that is too time consuming.						
26.	Promotes the development of students' interpersonal skills (e.g., ability to relate or work with others).						
27.	Will increase the amount of stress and anxiety students experience.						
28.	Is effective only when extensive computer resources are available.						
29.	Is difficult because some students know more about computers than many teachers do.						
30.	Is only successful if computer technology is part of the students' home environment.						
31.	Requires extra time to plan learning activities.						
32.	Improves student learning of critical concepts and ideas.						
33.	Becomes more important to me if the student does not have access to a computer at home.						
34.	Promotes independent student learning without teacher assistance.						
35.	Helps me achieve important curricular goals.						
36.	Is inappropriate for my students.						
37.	Does not fit my teaching philosophy.						
38.	Is only successful if teachers receive regular pedagogical support.						
39.	Is enhanced because instructional materials are available (e.g., on-line resources).						
40.	Is difficult because teachers do not know how to evaluate or assess students when they use technology for learning.						
41.	Is limited because of lack of support from administrators.						

SECTION II - Your Background and Resources Available to You

42. Gender: A. Female B. Male
43. Years of teaching completed: _____
44. Level you teach:
- a. Elementary
 - b. Secondary
45. Grade level you teach: _____
46. Subject area you teach: _____
47. What is the primary language you teach in:
- a. English
 - b. French
 - c. Other _____
48. Average class size that you teach (please provide a whole number and not a range): _____
49. Technology available for your teaching (please check all that apply):
- a. Teacher computer (laptop)
 - b. Smartboard
 - c. Student computer center (desktop computers, laptops)
 - d. Computer lab
 - e. Portable lab (mobile devices such as laptops, tablets)
 - f. Other: _____
 - g. None
50. Access to computer resource personnel in your school:
- a. None
 - b. Available on request
 - c. Available on a regular basis

SECTION III –Your Experience with the Learning Toolkit

51. Which of the LTK tools have you used in your instruction? (please check all that apply)
- a. I have never used any of the LTK tools
 - b. ABRACADABRA
 - c. ABRAlite
 - d. ePEARL
 - e. ISIS-21
52. Total amount of in-service training you have received to date on using the LTK in the classroom (please check all that apply):
- a. None
 - b. One-day workshop
 - c. Multi-day institute
 - d. Ongoing in-class training provided by CSLP team member or board consultant

53. When did you last use the LTK as part of your instruction?
- I do not remember
 - Over five years ago
 - 2-5 years ago
 - Last year
 - I currently use it with my students
54. On average, how many hours per week did/do your students spend using any of the LTK tools?
- None
 - Less than 30 minutes
 - 30 minutes and more, but less than 1 hour
 - 1 hour or more, but less than 2 hours
 - 2 hours or more
55. Why did you use the LTK with your students?
- I was asked to be part of a research project
 - A colleague and/or my principal encouraged me to use it
 - I saw a media report/presentation and was intrigued
 - Other: _____

Using the scale provided, please rate the extent to which you agree or disagree with the following statements regarding the use of computer technology in the classroom:		Strongly Disagree A	Moderately Disagree B	Slightly Disagree C	Slightly Agree D	Moderately Agree E	Strongly Agree F
56.	The use of the LTK influenced my teaching.						
57.	The LTK helped/helps me move towards my curricular goals.						
58.	I feel/felt comfortable with the technological aspects of the LTK.						
59.	I feel/felt comfortable with the pedagogical aspects of the LTK.						
60.	The LTK was difficult to access.						
61.	My students showed the uses of the LTK and technical skills that I had not taught to them.						
62.	My students were frustrated with the tool.						
63.	My students were motivated when using LTK.						
64.	Students with special needs in my class used the LTK.						
65.	Technical issues got resolved promptly when I needed help.						

SECTION IV –Your Experience with the Learning Toolkit: Comments

66. Please indicate your expectations about using LTK.

67. Please indicate the most valuable aspects of your LTK experience.

68. Please indicate the most frustrating aspects of your LTK experience.

Thank you very much for your participation in our study!