

Name: _____

Date: _____

Survey of Teachers' Attitudes Toward Computers

To the Educator:

This questionnaire is composed of well-validated portions of several attitudinal surveys that have been used with teachers in the past. We will use the combined information to help develop a profile of how teachers view technology. Please complete all items even if you feel that some are redundant. This may require 20-30 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential.

Thank you for your cooperation!

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University of North Texas



Background Information

1. How long have you been teaching?

- 0-1 years 2-5 years 6-10 years
 11-15 years 15+ years

2. How would you rate your experience with computers? (Check all that apply)

- I have never used a computer and I don't plan to anytime soon.
 I have never used a computer but I would like to learn.
 I use applications like word processing, spreadsheets, etc.
 I use computers for instruction in the classroom.
How often?
 Daily
 Weekly
 Occasionally

3. Currently I use the computer approximately _____ hours per week in the classroom.

4. At the beginning of this school year, I used the computer approximately _____ hours per week in the classroom.

5. If you do use computers, what type of training have you received? (Rank order all that apply).

- No training
 Basic Computer Literacy (on/off operations, how to run programs)
 Computer applications (word processing, spreadsheets)
 Computer integration (how to use in classroom curriculum)

6. Where did you receive your training? (Rank order all that apply).

- Self-taught
 School district
 College or university
 Other- please specify _____

Do you have a computer at home? Yes No

Gender: M F

Age: 18-25 26-30 31-35 36-40 41-45 46+

Instructions: Please read each statement and then circle the number which best shows how you feel.

SD = Strongly Disagree D = Disagree A = Agree SA = Strongly Agree

from Computer Attitude Questionnaire, Knezek & Miyashita, 1994

	SD	D	A	SA
(1) I enjoy doing things on a computer.	1	2	3	4
(2) I am tired of using a computer.	1	2	3	4
(3) I will be able to get a good job if I learn how to use a computer.	1	2	3	4
(4) I concentrate on a computer when I use one.	1	2	3	4
(5) I enjoy computer games very much.	1	2	3	4
(6) I would work harder if I could use computers more often.	1	2	3	4
(7) I think that it takes a long time to finish when I use a computer.	1	2	3	4
(8) I know that computers give me opportunities to learn many new things.	1	2	3	4
(9) I can learn many things when I use a computer.	1	2	3	4
(10) I enjoy lessons on the computer.	1	2	3	4
(11) I believe that it is very important for me to learn how to use a computer.	1	2	3	4
(12) I think that computers are very easy to use.	1	2	3	4
(13) I feel comfortable working with a computer.	1	2	3	4
(14) I get a sinking feeling when I think of trying to use a computer.	1	2	3	4
(15) Working with a computer makes me nervous.	1	2	3	4
(16) Using a computer is very frustrating.	1	2	3	4
(17) I will do as little work with computers as possible.	1	2	3	4
(18) Computers are difficult to use.	1	2	3	4
(19) Computers do not scare me at all.	1	2	3	4
(20) I can learn more from books than from a computer.	1	2	3	4

Instructions: Mark one space between each adjective pair.

from The Computer Attitude Measure (CAM), Kay, 1993

Computers are:

- | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------------|------|
| 21. Unlikable | _____ | _____ | _____ | _____ | _____ | _____ | Likable | (41) |
| 22. Unhappy | _____ | _____ | _____ | _____ | _____ | _____ | Happy | (42) |
| 23. Bad | _____ | _____ | _____ | _____ | _____ | _____ | Good | (43) |
| 24. Unpleasant | _____ | _____ | _____ | _____ | _____ | _____ | Pleasant | (44) |
| 25. Tense | _____ | _____ | _____ | _____ | _____ | _____ | Calm | (45) |
| 26. Uncomfortable | _____ | _____ | _____ | _____ | _____ | _____ | Comfortable | (46) |
| 27. Artificial | _____ | _____ | _____ | _____ | _____ | _____ | Natural | (47) |
| 28. Empty | _____ | _____ | _____ | _____ | _____ | _____ | Full | (48) |
| 29. Dull | _____ | _____ | _____ | _____ | _____ | _____ | Exciting | (49) |
| 30. Suffocating | _____ | _____ | _____ | _____ | _____ | _____ | Fresh | (50) |

Instructions: Please circle the appropriate number to indicate your agreement or disagreement with each statement.

- 1 = Strongly Disagree (SD)**
2 = Disagree (D)
3 = Undecided (U)
4 = Agree (A)
5 = Strongly Agree (SA)

- | | | | SD | D | U | A | SA |
|--|------|--|-----------|----------|----------|----------|-----------|
| 31. I can't think of any way that I will use computers in my career. | (74) | | 1 | 2 | 3 | 4 | 5 |
| 32. Knowing how to work with computers will increase my job possibilities. | (78) | | 1 | 2 | 3 | 4 | 5 |
| 33. I will do as little work with computers as possible. | (81) | | 1 | 2 | 3 | 4 | 5 |
| 34. I do not think I could handle a computer course. | (84) | | 1 | 2 | 3 | 4 | 5 |
| 35. Computers make me feel uneasy and confused. | (87) | | 1 | 2 | 3 | 4 | 5 |
| 36. Computers can help me to learn things more easily. | (91) | | 1 | 2 | 3 | 4 | 5 |
| 37. Knowing how to use computers will help me do well in my career. | (93) | | 1 | 2 | 3 | 4 | 5 |
| 38. Knowing how to use computers is a worthwhile skill. | (94) | | 1 | 2 | 3 | 4 | 5 |
| 39. Having computer skills helps you get better jobs. | (97) | | 1 | 2 | 3 | 4 | 5 |

		SD	D	U	A	SA	
40.	I like to talk to others about computers.	(98)	1	2	3	4	5
41.	Computers can be exciting.	(99)	1	2	3	4	5
42.	I like reading about computers.	(100)	1	2	3	4	5
43.	Knowing about computers will help me earn a living.	(109)	1	2	3	4	5
44.	I'll need computers for my future work.	(113)	1	2	3	4	5
45.	I have a lot of self-confidence when it comes to using a computer	(117)	1	2	3	4	5
46.	I see the computer as something I will rarely use in my daily life as an adult.	(123)	1	2	3	4	5
47.	Computers have the potential to control our lives.	(134)	1	2	3	4	5
48.	Our country relies too much on computers.	(135)	1	2	3	4	5
49.	Computers dehumanize society by treating everyone as a number.	(138)	1	2	3	4	5
50.	Computers are changing the world too rapidly.	(142)	1	2	3	4	5
51.	Computers isolate people by inhibiting normal social interactions among users.	(144)	1	2	3	4	5
52.	I hesitate to use a computer for fear of making mistakes I cannot correct.	(145)	1	2	3	4	5
53.	If I used a computer, I could get a better picture of the facts and figures.	(148)	1	2	3	4	5
54.	If I had a computer at my disposal, I would try to get rid of it.	(150)	1	2	3	4	5
55.	Computers are probably going to be an important part of my life.	(151)	1	2	3	4	5
56.	I will probably never learn to use a computer.	(154)	1	2	3	4	5
57.	Someday I will have a computer in my home.	(164)	1	2	3	4	5
58.	Use of computers in education almost always reduces the personal treatment of students.	(176)	1	2	3	4	5
59.	I feel comfortable when a conversation turns to computers	(178)	1	2	3	4	5
60.	Teacher training should include instructional applications of computers.	(179)	1	2	3	4	5
61.	The challenge of solving problems with computers does not appeal to me.	(185)	1	2	3	4	5

		SD	D	U	A	SA	
62.	I think working with computers would be enjoyable and stimulating.	(186)	1	2	3	4	5
63.	Learning about computers is interesting.	(187)	1	2	3	4	5
64.	I enjoy using a computer	(188)	1	2	3	4	5
65.	Computers are boring.	(189)	1	2	3	4	5
66.	Studying about computers is a waste of time.	(192)	1	2	3	4	5
67.	It is fun to figure out how computers work.	(193)	1	2	3	4	5
68.	Learning about the different uses of computers is interesting	(194)	1	2	3	4	5
69.	Computers would motivate students.	(196)	1	2	3	4	5
70.	Computers would help students improve their writing.	(198)	1	2	3	4	5
71.	Computers would stimulate creativity in students.	(199)	1	2	3	4	5
72.	Computers would help me organize my work.	(201)	1	2	3	4	5
73.	Computers would increase my productivity.	(202)	1	2	3	4	5
74.	Computers would save me time.	(203)	1	2	3	4	5
75.	I look forward to using a computer on my job.	(209)	1	2	3	4	5
76.	Learning to operate computers is like learning any new skill - the more you practice, the better you become.	(214)	1	2	3	4	5
77.	I am afraid that if I begin to use computers I will become dependent upon them and lose some of my reasoning skills.	(215)	1	2	3	4	5
78.	I dislike working with machines that are smarter than I am.	(218)	1	2	3	4	5
79.	I feel apprehensive about using computers.	(219)	1	2	3	4	5
80.	If given the opportunity, I would like to learn about and use computers.	(224)	1	2	3	4	5
81.	I have avoided computers because they are unfamiliar and somewhat intimidating to me.	(225)	1	2	3	4	5
82.	I feel helpless when asked to perform a new task on the computer.	(233)	1	2	3	4	5
83.	Working with computers makes me feel isolated from other people.	(241)	1	2	3	4	5
84.	I would like to spend more time using a computer.	(243)	1	2	3	4	5

		SD	D	U	A	SA
85.	I do not feel I have control over what I do when I use a computer (244)	1	2	3	4	5
86.	If I can, I will take subjects that will teach me to use computers. (246)	1	2	3	4	5
87.	Computers sometimes scare me. (247)	1	2	3	4	5
88.	Working with computers means working on your own, without contact with others. (251)	1	2	3	4	5
89.	Working with a computer makes me feel very nervous. (256)	1	2	3	4	5
90.	Using a computer prevents me from being creative. (257)	1	2	3	4	5
91.	I feel threatened when others talk about computers (258)	1	2	3	4	5
92.	Computers are confusing. (259)	1	2	3	4	5
93.	Computers make me feel uncomfortable. (260)	1	2	3	4	5
94.	You have to be a “brain” to work with computers. (261)	1	2	3	4	5
95.	Not many people can use computers. (262)	1	2	3	4	5
96.	I get a sinking feeling when I think of trying to use a computer. (263)	1	2	3	4	5
97.	I will take computer courses. (267)	1	2	3	4	5
98.	I would never take a job where I had to work with computers. (272)	1	2	3	4	5
99.	Electronic mail (E-mail) is an effective means of disseminating class information and assignments. (274)	1	2	3	4	5
100.	I prefer E-mail to traditional class handouts as an information disseminator. (275)	1	2	3	4	5
101.	More courses should use E-mail to disseminate class information and assignments. (276)	1	2	3	4	5
102.	E-mail provides better access to the instructor. (277)	1	2	3	4	5
103.	The use of E-mail creates more interaction between students enrolled in the course (278)	1	2	3	4	5
104.	The use of E-mail creates more interaction between student and instructor (279)	1	2	3	4	5
105.	The use of E-mail increases motivation for the course. (280)	1	2	3	4	5
106.	The use of E-mail makes the course more interesting. (281)	1	2	3	4	5
107.	The use of E-mail makes the student feel more involved. (282)	1	2	3	4	5

SD D U A SA

108. The use of E-mail helps the student to learn more. (283) 1 2 3 4 5

109. The use of E-mail helps provide a better learning experience. (284) 1 2 3 4 5

(End)

Thank you!

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