Survey of Teachers’ Attitudes Toward Information Technology

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 10-15 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!

Gerald Knezek & Rhonda Christensen, Texas Center for Educational Technology
University of North Texas
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? (Check 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)
     Total days of integration training: _____

6. Where did you receive your training? (Rank order all that apply).
   _____ Self-taught
   _____ School district
   _____ College or university
   _____ Other- please specify _______________________________________________

7. Number of years since your first computer training: _____

8. Do you have access at home to: a computer? ___ Yes   ___ No

9. Gender: ___ M ___ F

10. 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      U = Undecided      A = Agree      SA = Strongly Agree

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

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 read each statement and circle the number that best describes how you feel about that statement.

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

31. Computers do not scare me at all. (51) 1 2 3 4 5
32. I would like working with computers. (53) 1 2 3 4 5
33. Figuring out computer problems does not appeal to me. (65) 1 2 3 4 5
34. I’ll need a firm mastery of computers for my future work. (66) 1 2 3 4 5
35. I don’t understand how some people can spend so much time working with computers and seem to enjoy it. (73) 1 2 3 4 5
36. I can’t think of any way that I will use computers in my career. (74) 1 2 3 4 5
37. I do not think I could handle a computer course. (84) 1 2 3 4 5
38. I have a lot of self-confidence when it comes to working with computers. (88) 1 2 3 4 5
39. Knowing how to use computers is a worthwhile skill. (94) 1 2 3 4 5
40. A job using computers would be very interesting. (101) 1 2 3 4 5
41. Computer lessons are a favorite subject for me. (102) 1 2 3 4 5
42. I want to learn a lot about computers. (103) 1 2 3 4 5
43. A computer test would scare me. (112) 1 2 3 4 5
44. I see the computer as something I will rarely use in my daily life as an adult. (123) 1 2 3 4 5
45. Computers have the potential to control our lives. (134) 1 2 3 4 5
46. Our country relies too much on computers. (135) 1 2 3 4 5
47. I will use a computer in my future occupation. (137) 1 2 3 4 5
48. Computers dehumanize society by treating everyone as a number. (138) 1 2 3 4 5
49. I feel apprehensive about using a computer. (141) 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. If I had to use a computer for some reason, it would probably save me some time and work. (147) 1 2 3 4 5
53. Having a computer available to me would improve my general satisfaction. (149) 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. I sometimes get nervous just thinking about computers. (153) 1 2 3 4 5
56. I will probably never learn to use a computer. (154) 1 2 3 4 5
57. I sometimes feel intimidated when I have to use a computer. (157) 1 2 3 4 5
58. Computers will improve education. (162) 1 2 3 4 5
59. If there was a computer in my classroom it would help me to be a better teacher. (163) 1 2 3 4 5
60. Someday I will have a computer in my home. (164) 1 2 3 4 5
61. Computers could enhance remedial instruction. (168) 1 2 3 4 5
62. Computers can be used successfully with courses which demand creative activities. (170) 1 2 3 4 5
<table>
<thead>
<tr>
<th></th>
<th>Statement</th>
<th>SD</th>
<th>D</th>
<th>U</th>
<th>A</th>
<th>SA</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>Computers can be a useful instructional aid in almost all subject areas.</td>
<td></td>
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<tr>
<td>64</td>
<td>Use of computers in education almost always reduces the personal treatment of students.</td>
<td></td>
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<tr>
<td>65</td>
<td>I feel at ease when I am around computers.</td>
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</tr>
<tr>
<td>66</td>
<td>Learning about computers is boring to me.</td>
<td></td>
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<tr>
<td>67</td>
<td>I like learning on a computer.</td>
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</tr>
<tr>
<td>68</td>
<td>Working with a computer would make me very nervous.</td>
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<tr>
<td>69</td>
<td>I think working with computers would be enjoyable and stimulating.</td>
<td></td>
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</tr>
<tr>
<td>70</td>
<td>Computers are not exciting.</td>
<td></td>
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</tr>
<tr>
<td>71</td>
<td>Studying about computers is a waste of time.</td>
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<tr>
<td>72</td>
<td>I enjoy learning how computers are used in our daily lives.</td>
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</tr>
<tr>
<td>73</td>
<td>Computers would increase my productivity.</td>
<td></td>
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<tr>
<td>74</td>
<td>Computers would help me learn.</td>
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<td>75</td>
<td>Computers improve the overall quality of life.</td>
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<tr>
<td>76</td>
<td>The challenge of learning about computers is exciting.</td>
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</tr>
<tr>
<td>77</td>
<td>Learning to operate computers is like learning any new skill - the more you practice, the better you become.</td>
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<tr>
<td>78</td>
<td>I am afraid that if I begin to use computers I will become dependent upon them and lose some of my reasoning skills.</td>
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<tr>
<td>79</td>
<td>I dislike working with machines that are smarter than I am.</td>
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<tr>
<td>80</td>
<td>If given the opportunity, I would like to learn about and use computers.</td>
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<tr>
<td>81</td>
<td>I feel computers are necessary tools in both educational and work settings.</td>
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</tr>
<tr>
<td>82</td>
<td>Computers intimidate and threaten me.</td>
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</tr>
<tr>
<td>83</td>
<td>Working with a computer makes me feel tense and uncomfortable.</td>
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</tr>
<tr>
<td>84</td>
<td>Computers are difficult to understand.</td>
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</tr>
</tbody>
</table>
85. Working with computers makes me feel isolated from other people.  

86. I would like to learn more about computers.  

87. Working with computers means working on your own, without contact with others.  

88. Using a computer prevents me from being creative.  

89. You have to be a “brain” to work with computers.  

90. Not many people can use computers.  

91. I get a sinking feeling when I think of trying to use a computer.  

92. Computers frustrate me.  

93. I will use a computer as soon as possible.  

94. I enjoy computer work.  

95. I would never take a job where I had to work with computers.  

96. Electronic mail (E-mail) is an effective means of disseminating class information and assignments.  

97. I prefer E-mail to traditional class handouts as an information disseminator.  

98. More courses should use E-mail to disseminate class information and assignments.  

99. E-mail provides better access to the instructor.  

100. The use of E-mail creates more interaction:  
    a) between students enrolled in the course  
    b) between student and instructor  

101. The use of E-mail increases motivation for the course.  

102. The use of E-mail makes the course more interesting.  

103. The use of E-mail makes the student feel more involved.  

104. The use of E-mail helps the student to learn more.  

105. The use of E-mail helps provide a better learning experience.
Instructions: Place an 'x' between each adjective pair to indicate how you feel about the object.

To me, **electronic mail** is:

<table>
<thead>
<tr>
<th></th>
<th>important</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>unimportant</th>
<th>(1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>boring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>interesting</td>
<td>(2)</td>
</tr>
<tr>
<td>3.</td>
<td>relevant</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>irrelevant</td>
<td>(3)</td>
</tr>
<tr>
<td>4.</td>
<td>exciting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>unexciting</td>
<td>(4)</td>
</tr>
<tr>
<td>5.</td>
<td>means nothing</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>means a lot</td>
<td>(5)</td>
</tr>
<tr>
<td>6.</td>
<td>appealing</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>unappealing</td>
<td>(6)</td>
</tr>
<tr>
<td>7.</td>
<td>fascinating</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>mundane</td>
<td>(7)</td>
</tr>
<tr>
<td>8.</td>
<td>worthless</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>valuable</td>
<td>(8)</td>
</tr>
<tr>
<td>9.</td>
<td>involving</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>uninvolving</td>
<td>(9)</td>
</tr>
<tr>
<td>10.</td>
<td>not needed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>needed</td>
<td>(10)</td>
</tr>
</tbody>
</table>

To me, **using the World-Wide Web** is:

<table>
<thead>
<tr>
<th></th>
<th>important</th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th>unimportant</th>
<th>(21)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>boring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>interesting</td>
<td>(22)</td>
</tr>
<tr>
<td>3.</td>
<td>relevant</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>irrelevant</td>
<td>(23)</td>
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<tr>
<td>4.</td>
<td>exciting</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>unexciting</td>
<td>(24)</td>
</tr>
<tr>
<td>5.</td>
<td>means nothing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>means a lot</td>
<td>(25)</td>
</tr>
<tr>
<td>6.</td>
<td>appealing</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>unappealing</td>
<td>(26)</td>
</tr>
<tr>
<td>7.</td>
<td>fascinating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>mundane</td>
<td>(27)</td>
</tr>
<tr>
<td>8.</td>
<td>worthless</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>valuable</td>
<td>(28)</td>
</tr>
<tr>
<td>9.</td>
<td>involving</td>
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<td></td>
<td></td>
<td></td>
<td>uninvolving</td>
<td>(29)</td>
</tr>
<tr>
<td>10.</td>
<td>not needed</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>needed</td>
<td>(30)</td>
</tr>
</tbody>
</table>
Instructions: Place an 'x' between each adjective pair to indicate how you feel about the object.

To me, **multimedia** is:

1. important _____ _____ _____ _____ _____ _____ _____ unimportant (41)
2. boring _____ _____ _____ _____ _____ _____ _____ interesting (42)
3. relevant _____ _____ _____ _____ _____ _____ _____ irrelevant (43)
4. exciting _____ _____ _____ _____ _____ _____ _____ unexciting (44)
5. means nothing _____ _____ _____ _____ _____ _____ _____ means a lot (45)
6. appealing _____ _____ _____ _____ _____ _____ _____ unappealing (46)
7. fascinating _____ _____ _____ _____ _____ _____ _____ mundane (47)
8. worthless _____ _____ _____ _____ _____ _____ _____ valuable (48)
9. involving _____ _____ _____ _____ _____ _____ _____ uninvolving (49)
10. not needed _____ _____ _____ _____ _____ _____ _____ needed (50)

To me, **using computers for my professional productivity** is:

1. important _____ _____ _____ _____ _____ _____ _____ unimportant (61)
2. boring _____ _____ _____ _____ _____ _____ _____ interesting (62)
3. relevant _____ _____ _____ _____ _____ _____ _____ irrelevant (63)
4. exciting _____ _____ _____ _____ _____ _____ _____ unexciting (64)
5. means nothing _____ _____ _____ _____ _____ _____ _____ means a lot (65)
6. appealing _____ _____ _____ _____ _____ _____ _____ unappealing (66)
7. fascinating _____ _____ _____ _____ _____ _____ _____ mundane (67)
8. worthless _____ _____ _____ _____ _____ _____ _____ valuable (68)
9. involving _____ _____ _____ _____ _____ _____ _____ uninvolving (69)
10. not needed _____ _____ _____ _____ _____ _____ _____ needed (70)
Instructions: Place an 'x' between each adjective pair to indicate how you feel about the object.

For my students, using computers in the classroom is:

1. important _____ _____ _____ _____ _____ _____ _____ unimportant (71)
2. boring _____ _____ _____ _____ _____ _____ _____ interesting (72)
3. relevant _____ _____ _____ _____ _____ _____ _____ irrelevant (73)
4. exciting _____ _____ _____ _____ _____ _____ _____ unexciting (74)
5. means nothing _____ _____ _____ _____ _____ _____ _____ means a lot (75)
6. appealing _____ _____ _____ _____ _____ _____ _____ unappealing (76)
7. fascinating _____ _____ _____ _____ _____ _____ _____ mundane (77)
8. worthless _____ _____ _____ _____ _____ _____ _____ valuable (78)
9. involving _____ _____ _____ _____ _____ _____ _____ uninvolving (79)
10. not needed _____ _____ _____ _____ _____ _____ _____ needed (80)

(End)

Thank you!
TAT Ver 3.2a 2/98