

Student Response System Survey

Instructions

Informed Consent Information

I am Tanya Joosten of the Learning Technology Center at the University of Wisconsin-Milwaukee. We are conducting a study of how student response systems (a.k.a. clickers) impact teaching and student learning. We would appreciate your participation in this study, as it will assist us in making recommendations for improving the teaching of students throughout the UWM campus.

If you agree to be in this study, you will be asked to fill out one online survey and to answer several questions about your experience in using clickers that will take 20 minutes to complete. There are over 2000 students and 12 instructors at UWM participating in the study. This study will take place between September 2005 and June 2006. There are no known risks associated with your being in the study. Possible benefits are that you will have a voice in helping shape the instruction that students on the UWM campus receive.

The questionnaire you fill out will be treated confidentially. YOUR NAME WILL NOT BE LINKED IN ANYWAY TO YOUR SURVEY RESPONSES. Data from this study will be shared with my classmates and teacher and may be published in professional journals. Only grouped data will be presented or published. As an online participant in this research, there is always the risk of intrusion by outside agents, i.e., hacking, and therefore the possibility of being identified.

I understand that any information about me will be treated in a confidential manner and that the data collected and the results obtained will be used for research purposes only. My name and initials will never be used to report any results of the projects. I understand that the records and data files related to this research project will be maintained in the Learning Technology Center for a period no longer than ten years and that only personnel directly associated with this project will have access to them.

I understand that I may refuse to participate in this study or withdraw at any time without penalty. I understand that I may be withdrawn from this study by the investigators if I do not meet the screening criteria. I understand that, should I withdraw or be withdrawn from the study, any information that I have provided will be destroyed.

This study has been explained to me and my questions have been answered. If I have additional questions I may contact the principal investigator:

Once the study is completed, we would be glad to give the results to you. In the meantime, if you have any questions, please contact me:

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414.229.4319

I understand that if I have any complaints about my treatment in this study I may call or write:

Chris Buth Furness
Institutional Review Board for the Protection of Human Subjects
Graduate School
University of Wisconsin-Milwaukee
P.O. Box 340
Milwaukee, WI 53201
(414) 229-3173

Although Ms. Buth Furness will ask my name, all complaints are kept in confidence.

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This research project has been approved by the University of Wisconsin-Milwaukee Institutional Review Board for the protection of Human Subjects for a one year period.

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Your ePanther ID is requested in order for your instructor to assign appropriate extra credit for completion of the survey, if offered. Your instructor will only receive a listing of the id's that completed the survey. They will not receive any of the responses to the survey nor can they link your responses to your id's in any way. Your participation in this study strictly confidential and your identity cannot be linked to your responses.

Please provide the following (*required)

ePanther ID*

Informed Consent

1. **I have received an explanation of this study and agree to participate. I understand that my participation in this study is strictly voluntary.**
- Yes
- No

Demographics

2. **In which course(s) did you use clickers?**
(Select all that apply.)
- NURS 326, Nursing Science II: Aging and Long-Term Care
- GEOSCI 105, Earth, Air, Fire, and Water
- ART 100, Basic Art Experiences
- BUS 230, Intro to Information Systems
- SOC 104, Social Psychology
- Psych 550/750, History of Psychology
- HMS 460, Intro to Motor Development
- CLSCI 205, Intro to Diagnostic Medicine
- ATMSCI 100, Survey of Meteorology
- ART 118, Art: Culture, Theory, Practice
- BIOSCI 150, Foundation of Biological Sciences
- BIOSCI 202, Anatomy & Physiology
- HMS 200, Sec 001, Intro to Kinesiology
- HMS 200, Sec 002, Intro to Kinesiology

3. **What is your age?**

- 17-19
- 20-22
- 23-25
- 25+

4. What is your gender?

- Male
- Female

5. What is your race?

- African American
- Latino
- Asian
- European American/Caucasian
- Native American
- Other

6. What is your student status?

- Full Time
- Part Time
- Other

7. What is your education level?

- Freshman
- Sophomore
- Junior
- Senior
- Other

8. Have you previously taken a course that used clickers?

- Yes
- No

9. Did you use a clicker in this course?

- Yes
- No

10. Which clicker did you use?

- Turning Point Response Pad
- CPS/eInstruction
- Other

Computer Use

Please rate your use of computers or computer software. There are no correct answers or preferred answers.

Each item is rated on a 5-point scale ranging from never (1) to frequently (5).

(1) Never | (2) Rarely | (3) Sometimes | (4) Often | (5) Frequently

11. How often do you use a computer at home?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

12. How often do you use a computer at school?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

13. How often do you use a computer at work?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

14. How often do you use a computer in a library?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

15. How often do you use a computer at a friend or family member's house?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

16. How often do you use a computer?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

17. How often do you use the Internet?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

18. How often do you use send or receive electronic mail?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

19. How often do you use chat software/instant messenger (AOL, MSN, ICQ, etc.)?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

20. How often do you use a word processor (Word, WordPerfect)?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

21. How often do you use spreadsheets (Excel, Lotus)?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

22. How often do you use the computer for games?

- (1) Never
- (2) Rarely
- (3) Sometimes
- (4) Often
- (5) Frequently

23. How often do you use the computer to view or edit graphics/photo images?

- (1) Never
- (2) Rarely

- (3) Sometimes
- (4) Often
- (5) Frequently

24. How often do you use a courseware product (e.g., Desire2Learn, D2L)?

- (1) Never
 - (2) Rarely
 - (3) Sometimes
 - (4) Often
 - (5) Frequently
-

Experience with Clickers

The following statements address different aspects of your experience in taking a course that uses a student response system or clickers. For each of the statements, please enter 5 if you strongly agree with the statement with a range to 1 if you strongly disagree with the statement.

(1) Strongly Disagree | (2) Disagree | (3) Neutral | (4) Agree | (5) Strongly Agree

25. Clickers made me feel involved in the course

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

26. The clicker was too expensive for what I got out of it

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

27. The Help Desk was able to answer any questions I had about using my clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

28. I had no problems using the clickers

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree

(5) Strongly Agree

29. The introductory explanations on how to use the clicker were sufficient

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

30. Using the clickers was fun

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

31. I was never certain that my clicker response was received by the system

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

32. Overall, I am happy with using clickers

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

33. Clickers have been beneficial to my learning

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

34. Using the clickers helped me get a better grade in this class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

35. Clickers led me to become engaged in class

- (1) Strongly Disagree

- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

36. I feel the cost of the clicker was worth it

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

37. The Help Desk did not answer my question about using the clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

38. For Turning Point users, programming my clicker was confusing (e.g., GO 73)

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

39. The introductory explanations on how to use the clicker were clear

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

40. Using clickers as a way of interacting in class is exciting

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

41. Having to use clickers had no effect on how I answered the questions

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree

(5) Strongly Agree

42. Using clickers in a course is a waste of time

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

43. Clickers had little impact on my learning

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

44. Clickers made it difficult for me to get a good grade in this class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

45. Using clickers helped me to pay attention in class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

46. It was easy to purchase my clicker at the bookstore

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

47. My instructor/TA was able to answer my questions about my clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

48. For Turning Point users, I found it easy to program my clicker (e.g., GO 73)

- (1) Strongly Disagree

- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

49. After the introduction, I still wasn't sure how to use the clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

50. Using clickers was annoying

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

51. I never thought about the clickers while answering questions

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

52. I would take another course that used a clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

53. Clickers allow me to better understand concepts

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

54. The clickers helped me do better on my exams

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree

(5) Strongly Agree

55. The classroom environment was very lively and active thanks to the clickers

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

56. I didn't understand how to get a clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

57. My instructor/TA did not have answers to my questions about my clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

58. Using my clicker in class was simple

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

59. I really enjoyed using the clickers

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

60. I lost credit in class because my clicker response didn't register with the system

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

61. I will avoid classes using clickers in the future

- (1) Strongly Disagree

- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

62. The clickers did not help me to understand concepts better

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

63. Using the clickers did not help me score higher on the exams

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

64. I would have liked to see more class interaction

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

65. Registering my clicker was a simple process

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

66. Technical support was available when I needed it

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

67. I sometimes had difficulty using my clicker in class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree

(5) Strongly Agree

68. I would recommend that the instructor continue to use clickers

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

69. The clickers really helped me better prepare for exams

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

70. I got higher scores on my assignments because of the clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

71. Clickers facilitated good interaction among students in the class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

72. I was a little lost when it came to registering my clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

73. I needed better technical support with my clicker

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

74. I would hope the instructor would think twice about using clickers in the future

- (1) Strongly Disagree

- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

75. The clickers were not much help in preparing for exams

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

76. Clickers did not stimulate interaction with my classmates

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

77. I would recommend this course to others

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

78. Clickers helped me understand the course material

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

79. Clickers made interaction with my instructor more effective during class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

80. I would not recommend this course to a fellow student

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree

(5) Strongly Agree

81. Clickers helped me get instant feedback on what I knew and didn't know

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

82. Using clickers did not improve my assignment grades

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

83. The clickers made it difficult to communicate very well with my instructor

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

84. The clickers used in this course motivated me to learn

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

85. Clickers failed to help me identify what I still needed to learn

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

86. Clickers increased the frequency of my participation in the course

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

87. The clickers made it easy to connect ideas together

- (1) Strongly Disagree

- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

88. The clickers did not increase my participation in class

- (1) Strongly Disagree
- (2) Disagree
- (3) Neutral
- (4) Agree
- (5) Strongly Agree

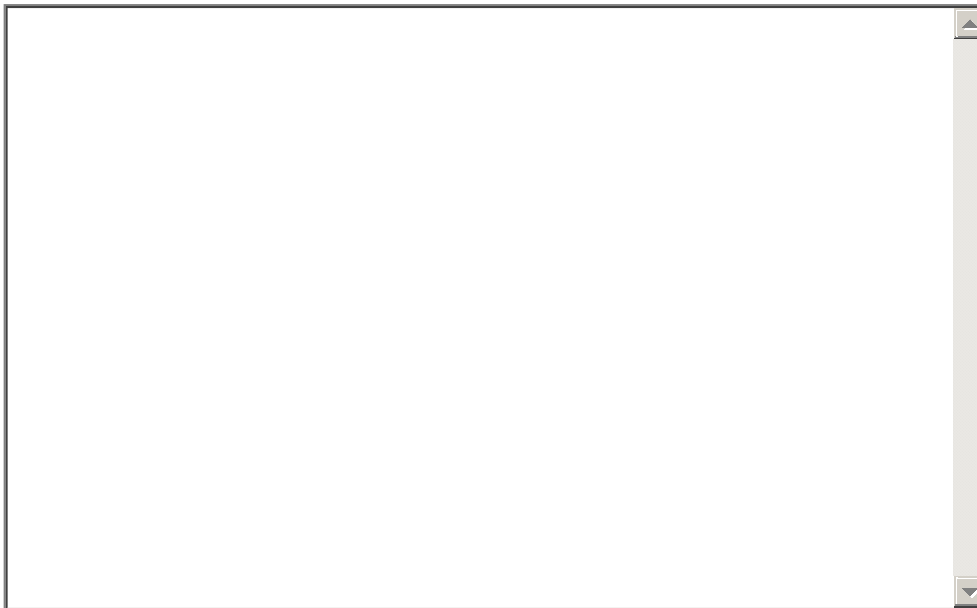
89. Using clickers helped me think more deeply about course materials

- (1) Strongly Disagree
 - (2) Disagree
 - (3) Neutral
 - (4) Agree
 - (5) Strongly Agree
-


Open Answers

90. What did you like best about your experience using clickers in this class?

91. If you could fix one thing about the use of clickers, what would it be?



92. **Would you recommend this course to others, if it used the same technology? Why or Why not?**



Submit Your Responses
