



APPENDIX A: ATTITUDE SURVEY
SUMMARY OF ITEMS AND ORDER

Circle the appropriate responses based on the key below:

0 Strongly Disagree	1 Disagree	2 Neutral/Undecided	3 Agree	4 Strongly Agree
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1. I think mathematics is important in life.	0	1	2	3	4
2. In middle school, my math teachers listened carefully to what I had to say.	0	1	2	3	4
3. I learn more about mathematics working on my own.	0	1	2	3	4
4. I do <u>not</u> like to speak in public.	0	1	2	3	4
5. I prefer working along rather than in groups when doing mathematics.	0	1	2	3	4
6. I get anxious in school.	0	1	2	3	4
7. In middle school, I learned more from talking to my friends than from listening to my teacher.	0	1	2	3	4
8. Technology can make mathematics easier to understand.	0	1	2	3	4
9. Cell phones are an important technology in my life.	0	1	2	3	4
10. I like my own space outside school the majority of the time.	0	1	2	3	4
11. I enjoy being part of large groups outside school.	0	1	2	3	4
12. I do not participate in many group activities outside school.	0	1	2	3	4
13. I do not like school.	0	1	2	3	4
14. I like math.	0	1	2	3	4
15. I feel confident in my abilities to solve mathematics problems.	0	1	2	3	4
16. In the past, I have <u>not</u> enjoyed math class.	0	1	2	3	4
17. I receive good grades on math tests and quizzes.	0	1	2	3	4
18. When I see a math problem, I am nervous.	0	1	2	3	4
19. I am not eager to participate in discussions that involve mathematics.	0	1	2	3	4
20. I enjoy working in groups better than along in math class.	0	1	2	3	4
21. I like to go to the board or share my answers with peers in math class.	0	1	2	3	4
22. I enjoy hearing the thoughts and ideas of my peers in math class.	0	1	2	3	4
23. Mathematics interests me.	0	1	2	3	4
24. I sometimes feel nervous talking out-loud in front of my classmates.	0	1	2	3	4
25. I enjoy using a computer when learning mathematics.	0	1	2	3	4
26. When using technology for learning mathematics, I feel like I am in my own private world.	0	1	2	3	4
27. I am not comfortable using technology in math class.	0	1	2	3	4