

Appendix A

How to Calculate Scores on the MCI (My Class Inventory)

For each statement a student receives a score of 1, 2, or 3. For most items when the “Yes” is circled, this counts as a 3 and a circled “No” response is worth 1. Statements that are left blank or are otherwise invalid (such as when both choices are circled) receive a score of 2. Some statements have their number underlined, and include an R in the teacher column. This indicates the wording of the statement is reversed and the scoring is reversed. For only those items a “Yes” answer is worth 1 and a “No” answer is worth 3. Using this procedure you can establish a score for each statement. The next step is to find the score for each subscale.

At the bottom of the MCI are five abbreviations corresponding to the subscales (S = Satisfaction, F = Friction, Cm = Competitiveness, D = Difficulty, and Ch = Cohesiveness). To determine the Satisfaction subscale score, you simply add the scores for the first statement in each block (i.e., Statements 1, 6, 11, 16, and 21). The total for the second subscale, Friction, is calculated by adding the scores for the second statement in each block (i.e., Statements 2, 7, 12, 17, and 22). You use this same process for determining scores on all five subscales.

At this point, you have the scores for each student. If you wish to create a class profile, then you need to calculate the average score for each subscale. The final level of sophistication is to administer the MCI twice: once with students indicating how the classroom actually is, and then filling in a second sheet indicating how they prefer the classroom to be. The subscale where the gap between the actual and the preferred is the area that is in most need of teacher attention.

Fisher, D.L. and Fraser, B.J. (1981). Validity and use of My Class Inventory. *Science Education*, 65, 14–156.

Name _____

My Class Inventory

Directions: This is not a test. This is to find out about your class. Draw a circle around

Yes if you AGREE with the sentence

No if you DON'T AGREE with the sentence.

If you change your mind about a response, cross it out and circle the new response.

Respond to the statements as your classroom actually is OR as you prefer your classroom to be. (Your teacher will tell you which to use.)

This Is How I Think About My Classroom	Circle Your Answer	Teacher Use Only
1. Students enjoy their schoolwork in my class.	Yes No	_____
2. Students are always fighting with each other.	Yes No	_____
3. Students often race to see who can finish first.	Yes No	_____
4. In our class the work is hard to do.	Yes No	_____
5. In my class everyone is my friend.	Yes No	_____
6. Some students are not happy in class.	Yes No	R_____
7. Some of the students in our class are mean.	Yes No	_____
8. Most students want their work to be better than their friends' work.	Yes No	_____
9. Most students can do their schoolwork without help.	Yes No	R_____
10. Some people in my class are not my friends.	Yes No	R_____
11. Students seem to like the class.	Yes No	_____
12. Many students in our class like to fight.	Yes No	_____
13. Some students feel bad when they don't do as well as the others.	Yes No	_____
14. Only the smarter students can do their work.	Yes No	_____
15. All students in my class are close friends.	Yes No	_____
16. Some of the students do not like the class.	Yes No	R_____
17. Certain students always want to have their way.	Yes No	_____
18. Some students always try to do their work better than the others.	Yes No	_____
19. Schoolwork is hard to do.	Yes No	_____
20. All of the students in my class like each other.	Yes No	_____
21. This class is fun.	Yes No	_____
22. Students in our class fight a lot.	Yes No	_____
23. A few students in my class want to be first all the time.	Yes No	_____
24. Most of the students in my class know how to do their work.	Yes No	R_____
25. Students in our class like each other as friends.	Yes No	_____

S _____ F _____ Cm _____ D _____ Ch _____