

# 2000 National Survey of Science and Mathematics Education

## School Mathematics Program Questionnaire

**Instructions:** Please use a #2 pencil or blue or black pen to complete this questionnaire. Darken ovals completely, but do not stray into adjacent ovals. Be sure to erase or white out completely any stray marks.

1. What is your title? (Darken all that apply.)

- |  |  |
|--|--|
| <input type="checkbox"/> Mathematics department chair<br><input type="checkbox"/> Mathematics lead teacher<br><input type="checkbox"/> Teacher | <input type="checkbox"/> Principal<br><input type="checkbox"/> Assistant principal<br><input type="checkbox"/> Other (please specify): _____ |
|--|--|

2. Indicate whether each of the following programs/practices is currently being implemented in your school. (Darken one oval on each line.)

|  | Yes                      | No                       | Don't Know/<br>Not Applicable |
|--|--------------------------|--------------------------|-------------------------------|
| a. School-based management   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| b. Common daily planning period for members of the mathematics department  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| c. Common work space for members of the mathematics department   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| d. Teachers <i>formally</i> designated and serving as mathematics lead teachers  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| e. Teachers provided with release time to help other teachers in the school/district   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| f. Interdisciplinary teams of teachers who share the same students   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| g. Students assigned to mathematics classes by ability   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| h. Use of vocational/technical applications in mathematics instruction   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| i. Elementary or middle school students pulled out from self-contained classes for remedial instruction in mathematics                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| j. Elementary or middle school students pulled out from self-contained classes for enrichment in mathematics                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| k. Elementary or middle school students receiving instruction from mathematics specialists <i>in addition to</i> their regular teacher | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| l. Elementary or middle school students receiving instruction from mathematics specialists <i>instead of</i> their regular teacher     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| m. Mathematics courses offered by telecommunications   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| n. Students going to another K-12 school for mathematics courses   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| o. Students going to a college or university for mathematics courses   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |
| p. Integration of mathematics subjects (e.g., algebra, probability, geometry, etc. all taught together each year)                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      |

3. Please give us your opinion about each of the following statements in regard to the National Council of Teachers of Mathematics' (NCTM) work in setting standards for mathematics curriculum, instruction, and assessment. (Darken one oval on each line.)

|   | Strongly<br>Disagree     | Disagree                 | No<br>Opinion            | Agree                    | Strongly<br>Agree        |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. I am prepared to explain the NCTM <i>Standards</i> to my colleagues.               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The <i>Standards</i> have been thoroughly discussed by teachers in this school.    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. There is a school-wide effort to make changes inspired by the <i>Standards</i> .   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Teachers in this school have implemented the <i>Standards</i> in their teaching.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The principal of this school is well-informed about the <i>Standards</i> .         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Parents of students in this school are well-informed about the <i>Standards</i> .  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The superintendent of this district is well-informed about the <i>Standards</i> .  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The School Board is well-informed about the <i>Standards</i> .                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Our district is organizing staff development based on the <i>Standards</i> .       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Our district has changed how it evaluates teachers based on the <i>Standards</i> . | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |





