

## Mathematics Teacher Survey

Approximate length Goal for Main Study	20 minutes for teacher background and classroom characteristics; 10 minutes per student report
Mode of administration	Web-based administration accessible by individualized link. A paper-and-pencil version of the survey may be available upon request.
Key constructs	<p>Teacher background and classroom characteristics</p> <p>Student and Classroom Characteristics</p> <ul style="list-style-type: none"><li>• Class size (number of students)</li><li>• Course type</li><li>• Heterogeneity in math ability</li><li>• Classroom climate (e.g., misbehavior)</li></ul> <p>Classroom Mathematics Instruction</p> <ul style="list-style-type: none"><li>• Curriculum/textbook used</li><li>• Opportunities to learn (length of course)</li><li>• Content covered in course (Common Core &amp; practice standards)</li><li>• Instructional practice/pedagogy</li><li>• Availability and use of classroom resources</li></ul> <p>Views on Teaching and School Environment</p> <ul style="list-style-type: none"><li>• Instruction in self-contained classrooms or departmentalized</li><li>• Factors for determining math course (take a test, prerequisite)</li><li>• Teacher efficacy</li><li>• Instructional leadership</li><li>• Academic culture (high standards and expectations)</li><li>• Teaching climate</li></ul> <p>Teacher Background</p> <ul style="list-style-type: none"><li>• Education and degree (courses in math and math education)</li><li>• Years of experience</li><li>• Certification</li><li>• Demographic information</li></ul> <p>Teacher provided information on individual students</p> <p>Mathematical Thinking</p> <ul style="list-style-type: none"><li>• Math class performance</li></ul> <p>Social Skills</p> <ul style="list-style-type: none"><li>• Approaches to learning</li><li>• Externalizing behaviors</li><li>• Social skills and positive behavior</li></ul> <p>Classroom Behaviors</p> <ul style="list-style-type: none"><li>• Academic engagement (behavioral and cognitive)</li><li>• Attendance</li></ul> <p>Student and Classroom Information</p> <ul style="list-style-type: none"><li>• Math support services (tutoring, pull-out, instruction frequency)</li></ul>