

Mathematics Teacher Survey

Approximate length Goal for Main Study	20 minutes for teacher background and classroom characteristics; 7 minutes per student report
Mode of administration	Web-based administration accessible by individualized link.
Key constructs	<p>Teacher background and classroom characteristics</p> <p>Student and Classroom Characteristics</p> <ul style="list-style-type: none">• Class size (number of students)• Course type• Heterogeneity in math ability• Classroom climate (e.g., misbehavior) <p>Classroom Mathematics Instruction</p> <ul style="list-style-type: none">• Curriculum used• Opportunities to learn (length of course)• Content covered in course (Common Core & practice standards)• Instructional practice/pedagogy• Availability and use of classroom resources <p>Views on Teaching and School Environment</p> <ul style="list-style-type: none">• Instruction in self-contained classrooms or departmentalized• Factors for determining math course (take a test, prerequisite)• Teacher efficacy• Instructional leadership• Academic culture (high standards and expectations)• Teaching climate <p>Teacher Background</p> <ul style="list-style-type: none">• Education and degree (courses in math and math education)• Years of experience• Certification• Demographic information <p>Teacher provided information on individual students</p> <p>Mathematical Thinking</p> <ul style="list-style-type: none">• Math class performance <p>Social Skills</p> <ul style="list-style-type: none">• Approaches to learning• Externalizing behaviors• Social skills and positive behavior <p>Classroom Behaviors</p> <ul style="list-style-type: none">• Academic engagement (behavioral and cognitive)• Attendance <p>Student and Classroom Information</p> <p>Math support services (tutoring, pull-out, instruction frequency)</p>