



Frequently Asked Questions

TIMSS 2023 field test will occur in the spring of 2022.

What is TIMSS?

The Trends in International Mathematics and Science Study (TIMSS) is an international assessment and research project designed to measure trends in mathematics and science achievement at the fourth- and eighth-grade levels as well as school and teacher practices related to instruction. Since 1995, TIMSS has been administered every 4 years. TIMSS 2023, the eighth study in the series, will involve students from approximately 65 countries, including the United States. TIMSS 2023 will be administered digitally.

What is the field test for?

Field tests are a critical part of the development of assessments like TIMSS. Field tests (small-scale, trial runs of an assessment) allow assessment developers to try out new questions to determine their performance when administered to students around the world. The results of the U.S. field test will help assessment developers to determine specific wording or content that may put U.S. students at a disadvantage relative to students in other countries. It will also allow the United States to fine tune operational procedures for the 2023 assessment.

Why was my school selected for participation?

Your school was randomly selected so that the overall U.S. field test sample will be representative of the overall U.S. school population. Field-testing on a diverse sample of students from a variety of schools, locations, and backgrounds ensures that the assessment wording and concepts are not regionally, culturally, or socially biased, and to evaluate performance among students with a variety of digital skills.

Why should my school and students participate?

TIMSS informs national discussions about education policy as well as international competitiveness. By participating, students ensure fairness in the questions that will be used in the main study in 2023. Field-testing the assessment questions will identify specific wording and content that could disadvantage U.S. students in the main study. Their participation helps ensure that students in schools like theirs are represented in our evaluation of assessment content. Students' efforts in the field test help ensure that the achievement of our nation's grade 4 and 8 students can be accurately and fairly reported.

Will all our fourth- or eighth-grade students be asked to participate?

It depends on the number of fourth- or eighth-grade classrooms in the school. In schools with only one or two such classrooms, all students will be asked to participate. In schools with more than two such classrooms, only students in two randomly selected classrooms will be asked to participate. In addition, some students with special needs or limited English proficiency may be excused from the assessment.

Who conducts the TIMSS assessment?

The National Center for Education Statistics (NCES), within the U.S. Department of Education, is authorized to conduct this study under the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), and approval of the U.S. Office of Management and Budget under OMB# 1850-0695. The entire assessment process will be administered on behalf of NCES by trained staff from RTI International, a research organization under contract with NCES.

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How are the school and teacher questionnaires administered?

The teacher and school questionnaires are administered online from a secure website. Teacher questionnaires take about 35 minutes to complete, and ask teachers questions about their experience, available resources, and instructional practices. School questionnaires take about 30 minutes to complete and ask about school practices and resources.

Do teachers need to help administer the assessment?

No, RTI International field staff will visit the school on the day of the assessment, bringing with them all the materials required. These field staff will administer the assessments to students.

Do schools need to provide computer equipment for the field test?

No, RTI International field staff will bring all the equipment needed for the field test, including tablets and keyboards.

When will the field test be conducted?

The field test will be conducted in March and April 2022. RTI International will work with schools to identify an assessment date convenient for the school in that time period.

Where will the field test be conducted?

The assessment will be conducted in the schools that are selected to participate.

How long does the field test take?

The field test will take approximately 2 ½ hours to complete. This includes time for directions, the assessment, and a questionnaire that students complete about themselves.

What will happen with the collected data?

The field test data will be used to evaluate whether the assessment fairly and accurately measures students' knowledge and skills in all participating countries. All of the information provided by school staff and students may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). Reports of the findings from the field test will not identify participating districts, schools, students, parent/guardians, or individual staff. Individual responses will be combined with those of other participants to produce summary statistics and reports.

Where can I find more information about TIMSS?

Visit the TIMSS website at <https://surveys.nces.ed.gov/TIMSS>.

For additional information about TIMSS 2023, contact the TIMSS U.S. home office at 833-870-0485 or email TIMSS@rti.org

