



TIMSS 2023

Trends in International Mathematics and Science Study Information for Parents/Guardians and Students



What is TIMSS?

The Trends in International Mathematics and Science Study (TIMSS) is an international assessment that measures the knowledge and skills of Grade 4 students in mathematics and science, sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS has been conducted every four years since 1995. More than 60 countries will be participating in TIMSS 2023. In Canada, provincial/territorial participation in TIMSS is coordinated by the Council of Ministers of Education, Canada (CMEC).

→ What is the purpose of TIMSS?

The results of the TIMSS assessment are used for **research and policy purposes**. The information obtained through TIMSS is valued by policy-makers, administrators, schools, teachers, and researchers. This data helps to determine how prepared Grade 4 students are for future academic challenges and to **enable evidence-based decisions** for educational improvement.

→ Who will take part in TIMSS?

Approximately 18,000 Grade 4 students from approximately 800 schools in Alberta, Manitoba, Ontario, Quebec, and Newfoundland and Labrador will participate in TIMSS 2023. In each school, one or more Grade 4 classes will be chosen at random.

TIMSS will take place between **April 3 and May 12, 2023**. The assessment will be administered to both Anglophone and Francophone students.

→ What will participating students have to do?

Students will complete a **computer-based test** that assesses their **knowledge and skills in mathematics and science**. The test takes 72 minutes to complete. An additional 30 minutes will be required for students to complete a contextual questionnaire intended to collect information on students' characteristics and attitudes toward learning.

The parents/guardians, teachers, and school principals of the participating students will also be asked to respond to a questionnaire. The questionnaires collect valuable information that expands the results and scope of the assessment as a whole and helps to understand the factors that may influence student achievement. The questionnaire responses will remain confidential and will not permit individual participants to be identified.



Thank you in advance for taking part in TIMSS 2023!
When you take this assessment, you will help us make education better for all students in Canada.

→ Do students need to prepare for TIMSS?

No. **Students do not need to study for this assessment.** Normal classroom activities in these subject areas provide ample preparation for this assessment.

→ Will the results affect students' marks?

No. **The results of this assessment will not affect students' academic records in any way.** The results will be compiled only at the provincial and pan-Canadian levels.

→ What are the benefits of participating?

TIMSS provides school administrators, teachers, and students with an opportunity to be involved with a high-quality assessment that **will influence how mathematics and science are taught and learned in the future.**



More information on TIMSS is available on the web at:
<https://cmec.ca/526/Overview.html>