



REGISTER NOW
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Canadian Innovation STEM+ Global Contest



A NON PROFIT ORGANIZATION

LEARN • COMPETE • WIN



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Our Sponsors and Partners



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COMPETITIVE KIDS STEM+
A Nonprofit Organization

info@competitivekids.org

www.competitivekids.org

www.dnldesign.com

What is CKSTEM?

Competitive Kids STEM (CKSTEM) is a volunteer-run, nonprofit organization that enhances kids' education by enabling them to achieve excellence. In addition, they empower students to compete globally through a unique set of STEM+ contests. These competitions allow students to extend themselves, explore their capabilities and maximize their potential.

Our Unique Approach

Students learn creative problem-solving and big-picture thinking skills through our programs. We help them compete by building their confidence and desire to excel. They also get rewarded for their hard work, commitment, and wins. Since its inception in late 2019, CKSTEM has helped thousands of students worldwide through its programs to promote STEM+ education.

Focus on Educators

In 2023 our key focus is to provide educators with a platform to raise the bar of their students' performance using cutting-edge technologies to track and compare their students' progress. Teachers can motivate students to learn, compete, and win with weekly assignments. We also award teachers for supporting STEM+ education.

Volunteers and Sponsors

We welcome students and adult volunteers to help us execute our vision. We are also looking for sponsors to support our programs and keep these contests free. To connect, email us at info@competitivekids.org.

CKSTEM Impact on Our Communities

20,000+
Unique Questions & Drills

2500+
Students

1 Million+
Questions Solve

266+
Competition Winners

30,000+
Free Training Hours

38000+ CAD
Scholarship & Rewards

2800+
Volunteer Hours

33
Countries



Canadian Math STEM+ Contest (CMSC)

Competitive: May 15-June 3, 2023
Non-Competitive: June 4-18, 2023
School Grades: 1-12
Format: Online Test

In the 4th edition of this **Global** Math Contest, students will have an opportunity to solve creative problems. Participants will have access to thousands of math drills, brain teasers, puzzles, and practice tests to learn, compete and win. In addition, educators will be able to use cutting-edge technology to track and compare the detailed progress of their students.

FREE



Canadian Photography STEM+ Contest (CPSC)

Competitive: April 1-June 3, 2023
School Grades: 5-12
Format: Online Submission

This new **Global** Contest will allow students to showcase how Canadian innovations influenced humanity and our world. Students will express gratitude to Canadian innovators through their creativity and photography skills. In addition, we will publish a series of blogs to educate about Canadian innovators and their innovations.

FREE



GLOBAL OLYMPIAD PACKAGE

We offer students the following four additional Olympiads conducted by Asian countries to provide a complete Global STEM experience. These contests are free for all CKSTEM students. These contests allow students to win many global medals.

American Math Olympiad

Vanda Science Contest

DrCT Computational Thinking Contest

Singapore & Asian Schools Math Olympiad

FREE

CONTEST WITH MATH AND
PROGRAMMING CLASSES



Canadian Computing STEM+ Contest (CCSC)

Competitive: May 15-June 3, 2023
Non-Competitive: June 4-18, 2023
School Grades: 3-10
Format: Online Test

3rd edition of this **Global** Contest will focus on innovation in the IT industry. Students will apply computational thinking and logic to solve creative problems. This contest will also help to develop an interest in concepts like artificial intelligence, machine learning & neural networks. No prior programming knowledge is necessary to participate. Students will be given several practice tests to prepare.

FREE



Canadian Visual Art STEM+ Contest (CASC)

Competitive: April 1-June 3, 2023
School Grades: 5-12
Format: Online Submission

This new Digital Art **Global** Contest will focus on students' imagination and creative talent. The artists will create a blueprint of the world as envisioned in 2050, highlighting futuristic innovations over the next three decades. The goal is to envision the future through the eyes of our young talent.

FREE



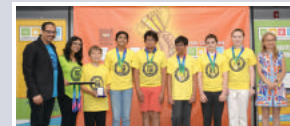
AWARDS

Outstanding STEM+ Teacher Awards

Contest participants will nominate their teachers for the Outstanding STEM+ Teacher Award. Winning teachers will be invited to the CKSTEM award ceremony, which is attended by the press and the leaders. Canadian winners will receive a plaque. All other winners and nominees will receive personalized certificates.

Student Awards

Winners will get medals, trophies, scholarships, and personalized certificates. All other participants will also get certificates and scholarships.



Canadian Writing STEM+ Contest (CWSC)

Competitive: April 1-June 3, 2023
School Grades: 5-12
Format: Online Submission

This new **Global** Creative Writing Contest (CWSC) will focus on the past, present, and future of innovations. Students can express their imagination and thoughts creatively. Based on the age group, students will share their views on various aspects of innovation and its influence on society. We would like to see original stories infused with creativity and imagination.

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Canadian Debate STEM+ Contest (CDSC)

Competitive (Canadian teams of 2 members each submitted by the schools): Jun 3, 2023
School Grades: 5-10
Format: Online Live Zoom

3rd edition of this **Canadian** contest will allow students to discuss issues impacting our world. This contest will help students develop an interest in global issues and how innovations can be used to resolve them. It is an excellent platform for expressing their thoughts to the rest of the world while improving communication skills.

FREE



FREE CMS CONTEST COURSE FOR SCHOOLS

Access to **dozens of math drills and brain teasers** from a database of **20,000+** questions with complete solutions to help students master the basic concepts. All questions in the mental math part of the contests will be from the quizzes already posted. The main goal is to provide opportunities for the students to learn before competing.

Access to the **weekly challenges and practice tests** with complete solutions to improve problem-solving skills. This will prepare students for the problemsolving part of the contest. Questions in the contest may differ from those posted in the weekly challenges and practice tests. The main goal of this section is to teach problem-solving skills.

Class and **school-level leaderboards** to create a healthy competitive environment among students. Leaderboards will also show school-level ranking as well.

A **visual view of completion tracking** for all students to review the class's progress in seconds.

Detailed quiz-level report to analyze the result of each question for all students in a class. This will help teachers identify the strengths and weaknesses of students. Moreover, teachers can **compare the average of their class with the average of all students in the contest** for every question and quiz

14 WEEKS OF AWESOMENESS

FREE CMSC CONTEST PREPARATION COURSE

ES = Elementary School, MS = Middle School, HS = High School

	Practice Drills with Mental Math Strategies	Brain Teasers & Games	Challenges & Practice Tests
WEEK 1	<ul style="list-style-type: none"> • Addition (ES) • Fractions (MS/HS) 	<ul style="list-style-type: none"> • Addition Games • 15 Puzzle (smaller version) 	<ul style="list-style-type: none"> • Problem Solving Challenge #1
WEEK 2	<ul style="list-style-type: none"> • Subtraction (ES) • Rounding (MS/HS) 	<ul style="list-style-type: none"> • Subtraction Games • Fill '+' or 'x' in the Blanks to make the equation true • Flip Flop Symmetry Puzzle 	<ul style="list-style-type: none"> • Problem Solving Challenge #2
WEEK 3	<ul style="list-style-type: none"> • Multiplication (ES) • Decimals (MS/HS) 	<ul style="list-style-type: none"> • Multiplication Games • Number Facts 	<ul style="list-style-type: none"> • Problem Solving Challenge #3
WEEK 4	<ul style="list-style-type: none"> • Division (ES) • One Variable Equations (ES/MS) 	<ul style="list-style-type: none"> • Division Games • Match Stick Puzzle #1 	<ul style="list-style-type: none"> • Practice Test #1
WEEK 5	<ul style="list-style-type: none"> • Remainders (ES) • Absolute Value (ES/MS/HS) 	<ul style="list-style-type: none"> • Remainder games • Match Stick Puzzle #2 	<ul style="list-style-type: none"> • Problem Solving Challenge #4
WEEK 6	<ul style="list-style-type: none"> • Integer Addition and Subtraction (ES) • Multiples (MS/HS) 	<ul style="list-style-type: none"> • Integer Games 	<ul style="list-style-type: none"> • Problem Solving Challenge #5
WEEK 7	<ul style="list-style-type: none"> • Integer Multiplication and Division (ES) • Sequence & Series (MS/HS) 	<ul style="list-style-type: none"> • Critical Thinking Puzzles 	<ul style="list-style-type: none"> • Problem Solving Challenge #6
WEEK 8	<ul style="list-style-type: none"> • Basic Exponent (ES) • Advanced Exponents (MS/HS) 	<ul style="list-style-type: none"> • Exponent Games 	<ul style="list-style-type: none"> • Practice Test #2
WEEK 9	<ul style="list-style-type: none"> • Word Problems (ES) • Square Roots (MS/HS) 	<ul style="list-style-type: none"> • More Critical Thinking Puzzles 	<ul style="list-style-type: none"> • Problem Solving Challenge #7
WEEK 10	<ul style="list-style-type: none"> • Order of Operations (ES/MS) • Prime Numbers/LCM/GCD (ES/MS/HS) 	<ul style="list-style-type: none"> • Parentheses Problems 	<ul style="list-style-type: none"> • Problem Solving Challenge #8
WEEK 11	<ul style="list-style-type: none"> • Basic Decimal & Rounding (ES) • Linear Equations (MS/HS) 	<ul style="list-style-type: none"> • Linear Equation Games 	<ul style="list-style-type: none"> • Practice Test #3
WEEK 12	<ul style="list-style-type: none"> • Basic Factoring (ES) • Factoring & Prime Factoring (ES/MS/HS) 	<ul style="list-style-type: none"> • IQ Puzzles 	<ul style="list-style-type: none"> • Problem Solving Challenge #9
WEEK 13	<ul style="list-style-type: none"> • Ratios (ES/MS) • Percentage (MS/HS) 	<ul style="list-style-type: none"> • Logic Puzzles 	<ul style="list-style-type: none"> • Problem Solving Challenge #10
WEEK 14	<ul style="list-style-type: none"> • More Word Problems (ES/MS) • Pythagorean Triples (MS/HS) • Quadratic Equations (MS/HS) 	<ul style="list-style-type: none"> • Geometry & Measurement • Total Area Puzzle 	<ul style="list-style-type: none"> • Practice Test #4



For more information visit us at
www.ckstem.org