Welcome to the amazing world of Mad Science!

Mad Science is the world’s leading science enrichment provider. Our services are delivered through an extensive distribution network that serves every major North American market and 19 countries worldwide.

Our mission is to spark the imagination and curiosity of children. We instill a clearer understanding of science and chess by providing fun, interactive and educational activities.

In this package you will find:

- Program Highlights
- Programs and Topics
- References and Testimonials
- Frequently Asked Questions

To book a Mad Science program for your school, please call our office at 416-630-5282.

Sincerely,

The Mad Science Team
416-630-5282 ext 26
workshops@madscience.on.ca
www.madscience.org/toronto
PROGRAM HIGHLIGHTS

• Available at lunchtime or after school
• Appropriate for JK/SK and Grades 1 – 6
• 8 week programs with one hour classes
• Hands-on and interactive
• Take home activities every week
• $105.00 + HST per child
• FREE printed registration forms
• FREE assembly
• Online registration

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PROGRAMS AND TOPICS

Our 8-week programs are offered in three semesters: fall, winter, and spring. All programs are independent of each other and may be presented in any order.

Mad Science Grades 1 – 6

- NASA: Academy of Future Space Explorers
- Crazy Chemworks
- World of Wowology
- Imagination Investigation
- Extraordinary Exploratory
- Schoolhouse Chess

Mad Science JK-SK

- Kindergarten Program 1
- Kindergarten Program 2
- Kindergarten Program 3

Please note not all eight programs will be offered in every semester. A Science Club Specialist will be able to advise what programs are offered during the semester you are considering and what program would best suit your needs.
SAMPLE PROGRAM

NASA: ACADEMY OF FUTURE SPACE EXPLORERS

Planets & Moons
Explore the farthest reaches of our solar system and create a lunar eclipse in this “mad” planetary tour! Learn how the planets stack up. Build and take home Kepler’s Cube, a fun and educational 3-D solar system puzzle.

Atmosphere & Beyond
We’re on a mission to explore the atmosphere on Earth, and beyond! Travel to the end of the rainbow and make a sunset! Mix up various planetary atmospheres, one molecule at a time! Discover how stars would look in space and see what makes stars twinkle using your very own Shimmering Stars!

Space Phenomena
Probe the mysteries of meteors and bounce around satellite light in this phenomenal program on space events! See comets up close as one is formed before your eyes, and take home your very own Catch-a-Comet!

Sun & Stars
This stellar program is your ticket to the stars! Watch star dust burn, and journey through a soapy galaxy as you investigate the life cycle of stars! Use your Bead Dipper to create a 3-dimensional glow-in-the-dark constellation!

Rocket Science
This is your chance to be a rocket scientist! Investigate the four forces of flight with the help of a Unique Flying Object! Explore the science involved in rocket construction as you build your own Skyblazer II Rocket that you can take home!

Space Travel
Learn what it takes to be a true globetrotter! Race a balloon rocket and design your own car engine as you learn about thrust. See the principles of propulsion at work in a real rocket launch, and build your very own Shuttle Copter to fly to the skies!

Space Technology
Discover technology designed for outer space! Steer a laser beam through a laser maze, find hidden mountains using the principles of radar technology and discover everyday objects originally designed for use in space! Take home a Lightning Launcher that will light up the sky!

Living In Space
Experience the life of an astronaut as you suit up for space flight! Use teamwork to complete an important space mission, build a model space station and make your very own Cosmic Chronometer watch to measure the time here on Earth!
REFERENCES

Hundreds of schools and thousands of children across the GTA have enjoyed Mad Science extra-curricular programs. Here is a small sample of our references.

Toronto District School Board
  ➞ Avondale Alternative School
  ➞ Humbercrest PS
  ➞ Rippletom Road PS
  ➞ Williamson Road PS

Toronto Catholic District School Board
  ➞ Holy Name Elementary
  ➞ Our Lady of Fatima
  ➞ Our Lady of Perpetual Help
  ➞ St Alphonsus

York Region District School Board
  ➞ Bayview Hill Elementary
  ➞ Blue Willow PS
  ➞ Northern Lights PS
  ➞ Yorkhill Elementary

York Catholic District School Board
  ➞ Holy Family CES
  ➞ Kateri Tekakwitha CES
  ➞ St Angela Merici CES
  ➞ St Margaret Mary CES

Durham District School Board
  ➞ Bolton C Falby PS
  ➞ Vaughan Willard PS

Peel District School Board
  ➞ Kenollie PS
  ➞ Owenwood PS

Dufferin-Peel Catholic School Board
  ➞ St Hilary Catholic School
  ➞ St James Catholic School
  ➞ St Luke Catholic School
  ➞ St Vincent de Paul Catholic School

Montessori Schools
  ➞ Manor Montessori School
  ➞ Phoenix Montessori School
  ➞ Rotherglen Montessori School
  ➞ Town Centre Montessori School

Private Schools
  ➞ Bishop Strachen School
  ➞ Fieldstone Day School
  ➞ Lycée Français de Toronto
  ➞ The Giles School

Additional Ontario communities participating in Mad Science:
  • Halton Region
  • Hamilton
  • Kitchener/Waterloo
  • Cambridge
  • Guelph
  • St Catherines
  • Welland
  • Niagara
  • London
  • Barrie
  • Orillia
  • Ottawa
“Our parents and children loved the lunch time program. It was easy for us to implement...virtually hands free. We will have you back again and again.”
Jacqueline Linton, Principal, Carville Mills PS, YRDSB

“We love Mad Science and have invited your program into our afterschool clubs curriculum for years. We're definitely satisfied customers.”
Christine Tohana, Manor Montessori School

“Mad Science is a well-organized, respectful, easily implemented educational program. The best part is the children just see it as a great deal of fun!”
Lynn Da Pra, After 4 Coordinator, Allenby Jr PS, TDSB

“Thank you for making the set up and implementation of your After 4 programs so straight forward. It has been a pleasure dealing with your organization.”
Yvonne Harding, Parent Council Co-Chair, Brown PS, TDSB
FAQs

What is Mad Science?
Since 1994 Mad Science of Toronto has presented educational, entertaining and hands-on science activities for elementary age children throughout the GTA. Our unique brand of exciting, interactive activities instills a clearer understanding of how science affects the world around all of us. Through Mad Science, your students will be able to touch, see, hear, smell, and taste what science is really all about.

Is this a stand-alone extra-curricular program?
Mad Science takes all the hassle and frustration out of running an extra-curricular program. We run our science clubs separate of any other programs at your school.

What is our time commitment to your program?
Setting up a Mad Science program will require a time investment of only 1 - 2 hours. Your commitment typically occurs before the registration period as schools work with our Science Club Specialists to finalize the program details and coordinate classroom space.

How long are your programs (weeks and hours)?
Our standard program is 8 weeks, 1 hour per week and held during your lunch period, or after school. Mad Science is able to accommodate requests for 6 to 10 week programs. See “What are Your Suggested Program Start Dates?” below for how your school can offer after-school science enrichment throughout the school year.

What is the cost?
There is never any cost to your school. There is never a registration fee, deposit, or cancellation fee associated with our programs. The cost for an 8-week session is $105 + HST per student. This is an all-inclusive, one-time fee for the participants. Mad Science provides all equipment and materials.

What are your suggested program start dates?
We schedule our classes over three semesters. With the ease of implementation, the popularity and variety of our instruction, and the no obligation nature of our programs, most schools elect to offer Mad Science multiple times throughout the school year. The Fall semester begins the week of October 13th, Winter the week of January 19th, Spring the week of April 20th.

What if our schedule does not correspond with the dates above?
Due to the number of schools we work with, the number of concurrent programs we run, and the amount of equipment scheduling necessary to support these programs, Mad Science has a small window of time to start our programs.

Do you have a minimum class size? A maximum class size?
Our classes require a minimum enrollment of 12 paid students. To ensure the hands-on, interactive nature of our instruction, class size will be capped at 20. Registrations for numbers 21 through 24 will go on a wait list. With the 24th registration, Mad Science will create 2 classes of 12. The ability to offer additional classes may be subject to instructor availability. Predicting enrollment is crucial to the proper planning necessary to ensure all your interested students can participate. See “How can we predict enrollment?” below. Mad Science may elect to offer a program even if the class minimum is not met. This decision is at the sole discretion of Mad Science.
FAQs Continued…

What ages/grades can register?
Mad Science offers instruction in an age and grade appropriate manner, using a variety of teaching methods and environments, to ensure each participant benefits from the instruction. Students in JK through Grade 6 are offered the opportunity to participate in our programs. Should registration allow we will divide school-age classes into Grades 1 – 3 and Grades 4 – 6. Larger enrollment may allow even greater segregation by grade level.

How can we predict enrollment?
A good rule of thumb is to assume 10% of your student body will be interested in the Mad Science extra-curricular program. Response may be affected by many factors including day of week, season of year and transportation needs. However, it is best to plan for a 10% response and reserve the necessary rooms in order to accommodate as many students as possible. Because there is no financial obligation to your organization, final enrollment that does not utilize all the reserved rooms will not result in a penalty of any kind.

When should we schedule our class(es)?
Mad Science has the flexibility in scheduling and instructor availability to conduct classes on any day of the week and on multiple days during the week at one location. Availability on some days may be limited so it is best to confirm your dates with Mad Science as early as possible. After school classes should start within 15 minutes from the dismissal of school. During lunch hour classes children will be given 15 minutes to eat their lunch as we take attendance, and introduce them to the topic of the day.

What topics are offered?
Mad Science of Toronto has eight, 8-week science programs to offer your school. Please note that not all eight programs will be offered in every semester. A Science Club Specialist will be able to advise what programs are offered during the semester you are considering and what program would best suit your needs. A complete listing of all 8 programs is available by visiting our website www.madscience.org/toronto.

How is registration handled?
There are two ways to handle registration:
1) Mad Science will prepare and deliver registration flyers to be handed out to your students. Parents will be directed to visit the Mad Science website where they will register their children online. They will be asked to not return forms to the school. Once the deadline has passed, Mad Science will inform your school of the final number of participants.

SEE SAMPLE REGISTRATION FLYER ATTACHED.

2) You may choose to handle the registration yourself. Once your program has begun, Mad Science will invoice your school. Should you process your own registration, participant information and class rosters must be provided to Mad Science in advance of the program start date.

When is payment required?
From parents: Payment is required at the time of registration. Credit card payments will be accepted online. Where a credit card is not available, parents may call the Mad Science office to make alternate arrangements. Mad Science reserves the right to close registration once our maximum enrolment has been reached.

From your organization: Should you elect to process registration and payments, Mad Science will invoice you for the number of participants during the second week of class. Payment of this invoice is expected within one week of receipt.

What does Mad Science need from your organization?
We require a room large enough for the students to sit comfortably, and for the instructor to move freely between them. The instructor will also need a small table for the equipment, access to electricity, nearby water and the ability to darken the room. Room volunteers are not necessary with our programs.
FAQs Continued…

What is your refund policy?
A refund will be made to any parent who withdraws a child prior to the second week of the program. A $25.00 processing fee will be applied to all refund requests. Withdrawal after the second week is not subject to a refund. Refunds will not be issued for classes missed by the child.

Do you have a quality guarantee?
The Mad Science guarantee is simple – your organization, your students and parents will be satisfied with the Mad Science experience or we will do what it takes to make it right.

Who are your instructors?
We recruit university students, mature individuals, and future teachers who have experience in classrooms or with groups of elementary aged children. Every Mad Science instructor must pass a criminal background check and be certified through our training process.

What are the expectations of the students? The parents?
Mad Science strives at all times to provide fun and safe science activities for all children participating in our classes. To fulfill this commitment, we ask that all children enrolled adhere to basic behavioral guidelines. Our instructors set clear boundaries and expectations as to appropriate conduct and we will hold all students to these expectations. In addition, Mad Science will follow all school rules and policies regarding student behavioral expectations. We ask your cooperation should any parent be notified of discipline problems. It is our intention to provide children with, not deprive them of our program. It is only when a child interrupts this positive learning environment that we would take any such action.

Mad Science also has expectations of the parents whose children are enrolled. Only children with a sincere interest in our programs and the necessary maturity to handle an extension of the school day should be allowed to enroll. An approved guardian must pick up each child at the classroom promptly at the dismissal of class.

What is your inclement weather/class cancellation policy?
Mad Science will follow the inclement weather and school closure policy of the school district in which we are instructing. Each program should have a minimum of one week before the start of the next program to accommodate a possible make-up day. Mad Science will attempt to reschedule weather-related class cancellations or other events beyond our control or planning.