



**FILL UP ON SCIENCE.
IT'S FREE.**

AT THE OLD PORT

JUNE 15 TO JUNE 17, 2012

60 TENTS AND MORE THAN 100 ACTIVITIES

Eurekafestival.ca 6th EDITION



Desjardins presents

**EUREKA!
FESTIVAL**

SCIENCE HERE, THERE AND EVERYWHERE!



Gagnon



WE BELIEVE THAT
THE THIRST FOR
KNOWLEDGE IS
SPARKED AT AN
EARLY AGE.

Desjardins, proud partner of
the Eureka! Festival.



Desjardins

Cooperating in building the future

WELCOME TO THE 6th EDITION OF EUREKA!

Once again, the festival's program invites you to explore a wide range of science and technology disciplines. New this year: **theme zones to make your visit even more rewarding.**

There will be workshops, performances, presentations, storytelling, meetings with scientists, buskers, recreational facilities and demonstrations... plunging you **into an exciting world of discovery, knowledge, discussion and encounters for three days of spectacular, interactive events.** Don't miss a minute! More than 150 scientists want to share their passion with you and stimulate your neurons!



*I'm crazy about science.
I even have a date with it at the Eureka! Festival*

Stéphane Bellavance, Eureka! Festival spokesperson.

FRIDAY, JUNE 15, 9:30 AM TO 4:30 PM

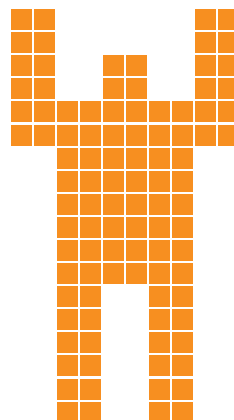
SATURDAY, JUNE 16, 10:30 AM TO 7:30 PM

Evening programming starts at 8 pm

SUNDAY, JUNE 17, 10:30 AM TO 6 PM

Information, comments and suggestions: Eurekafestival.ca

Or, join us on Facebook and Twitter for original scientific information!



THE FESTIVAL AT A GLANCE

■ INTERACTIVE SHOWS
AND PRESENTATIONS

■ WORKSHOPS

■ DON'T MISS IT!

FRIDAY JUNE 15

- 58** 9:30 am – 12:30 pm: Endangered Species
- 62** 9:45 am: *Science Pioneers*
- 72** 9:45 am: *Spectacular Discoveries!*
- 57** 10 am: Foghorn Guitar
- 59** 10 am: Electric Generators
- 60** 10 am: Budding Eco-Citizens
- 12** 10 am: Cybertr[Hack]er Workshop
- 59** 10:45 am: Electric Generators
- 57** 11 am: The City Goes Wild
- 60** 11 am: The ABC of Recycling
- 62** 11 am: *Science into Comics*
- 12** 11:15 am: Cybertr[Hack]er Workshop
- 72** 11:15 am: *The Magic of Chemistry*
- 59** 11:45 am: All about Wood
- 57** 11:45 am: The City Goes Wild
- 62** 12 pm: *Water Stories*
- 12** 12:15 - 3:15 pm: Birds of Prey
- 12** 12:30 pm: Cybertr[Hack]er Workshop
- 59** 12:30 pm: All about Wood
- 57** 12:30 pm: The City Goes Wild
- 72** 12:30 pm: *Spin, Pop, Boom!*
- 62** 1:15 pm: *The Press Conference*

- 57** 1:30 pm: Moving Air
- 72** 1:45 pm: *The Magic of Chemistry*
- 59** 1:45 pm: Electric Generators
- 58** 1:45 pm: Science of Perfumes
- 62** 2:15 pm: *The Cybertr[Hac]ker Show*
- 57** 2:15 pm: Moving Air
- 59** 2:30 pm: Electric Generators
- 58** 2:45 pm: The Evolution Dance
- 12** 1:45 to 4:30 pm: Rock 'n' Roll Marbles
- 57** 3 pm: Moving Air

SATURDAY JUNE 16

- 62** 11 am: The Press Conference
- 12** 11 am: Cybertr[Hack]er Workshop
- 57** 11 am: The City Goes Wild
- 59** 11 am: Moving Air
- 60** 11 am: Budding Eco-Citizens
- 58** 11 am - 2 pm: Endangered Species
- 57** 11:45 am: The City Goes Wild
- 59** 11:45 am: Moving Air
- 62** 12 pm: *Don't be fooled!*
- 72** 12 pm: *Raptors Fly Free*
- 60** 12 pm: The ABC of Recycling
- 12** 12:15 pm: Cybertr[Hack]er Workshop
- 57** 12:30 pm: The City Goes Wild
- 59** 12:30 pm: Moving Air
- 62** 1 pm: *Pixels and Stars*
- 72** 1 pm: *Raptors Fly Free*
- 60** 1:15 pm: Extracting Fossils
- 12** 1:30 pm: Cybertr[Hack]er Workshop
- 59** 1:45 pm: Reptiles and Invertebrates
- 72** 1:45 pm: *Raptors Fly Free*
- 57** 1:45 pm: Foghorn Guitar
- 62** 2 pm: *Water Stories*
- 60** 2:15 pm: Extracting Fossils
- 58** 2:30 pm: Make a Wind Turbine
- 59** 2:30 pm: Reptiles and Invertebrates
- 72** 2:45 pm: *Under Pressure*
- 12** 2:45 - 7:30 pm: Rock 'n' Roll Marbles
- 62** 3:15 pm: *Planet Stress*
- 59** 3:15 pm: Reptiles and Invertebrates
- 60** 3:15 pm: Extracting Fossils
- 58** 3:30 pm: Kites
- 57** 3:45 pm: Rhythm Instrument with Multiple Sounds
- 72** 3:45 pm: *Fire and Ice*
- 59** 4 pm: Reptiles and Invertebrates
- 74** 4 pm: *Skater's Waltz*
- 58** 4:30 pm: Science of Perfumes
- 60** 4:30 - 7:30 pm: Birds of Prey
- 62** 4:30 pm: *The Chemistry of Love*
- 57** 4:45 pm: Electric Generators
- 59** 4:45 pm: Reptiles and Invertebrates
- 72** 5:15 pm: *Spectacular Discoveries!*
- 58** 5:30 pm: The Evolution Dance
- 59** 5:30 pm: Reptiles and Invertebrates
- 57** 5:30 pm: Electric Generators
- 62** 5:45 pm: *Science into Comics*
- 58** 6 pm: The Evolution Dance
- 57** 6:15 pm: Electric Generators
- 59** 6:15 pm: Reptiles and Invertebrates
- 62** 6:45 pm: *Don't be fooled!*
- 58** 7 pm: The Evolution Dance

- 59 7 pm: Reptiles and Invertebrates
- 72 8 pm: Show: **Comme par magie** with Luc Langevin
- 73 9:30, 10:05 and 10:40 pm: **CYCLE** – multimedia aquatic show

SUNDAY JUNE 17

- 62 11 am: **The Chemistry of Love**
- 57 11 am: The City Goes Wild
- 59 11 am: The Evolution Dance
- 60 11 am: The ABC of Recycling
- 12 11 am: Cybertr[Hack]er Workshop
- 58 11 am - 2 pm: Endangered Species
- 59 11:30 am: The Evolution Dance
- 57 11:45 am: The City Goes Wild
- 60 12 pm: Ecological Lunchbox
- 72 12 pm: **Raptors Fly Free**
- 59 12:15 pm: Moving Air
- 62 12:15 pm: **Pixels and Stars**
- 12 12:15 pm: Cybertr[Hack]er Workshop
- 57 12:30 pm: The City Goes Wild
- 72 1 pm: **Raptors Fly Free**
- 59 1 pm: Moving Air
- 60 1 pm: Extracting Fossils
- 62 1:15 pm: **Don't be fooled!**
- 12 1:30 pm: Cybertr[Hack]er Workshop
- 72 1:45 pm: **Raptors Fly Free**
- 59 1:45 pm: Moving Air
- 57 1:45 pm: Foghorn Guitar
- 60 2 pm: Extracting Fossils
- 62 2:15 pm: **Planet Stress**
- 58 2:30 pm: Make a Wind Turbine

- 57 2:45 pm: Rhythm Instrument with Multiple Sounds
- 12 2:45 - 6 pm: Rock 'n' Roll Marbles
- 72 3 pm: **Spectacular Discoveries!**
- 59 3 pm: Science of Perfumes
- 58 3:15 pm: Make a Wind Turbine
- 60 3:15 - 6 pm: Birds of Prey
- 62 3:30 pm: **Science into Comics**
- 57 3:45 pm: Reptiles and Invertebrates
- 59 4 pm: Science of Perfumes
- 74 4 pm: **Skater's Waltz**
- 72 4 pm: **The Great Rhythmobile Adventure**
- 57 4:30 pm: Reptiles and Invertebrates
- 58 4:30 pm: Kite-making
- 62 4:45 pm: **The Cybertr[H]acker Show**
- 59 5 pm: Science of Perfumes
- 58 5:15 pm: Kites
- 57 5:15 pm: Reptiles and Invertebrates

CONTINUOUS... FRIDAY, SATURDAY AND SUNDAY

- 11 Digital Delights
- 51 Photo Exhibition:
La preuve par l'image
- 61 Animal Trackers

SATURDAY AND SUNDAY

- 1 Science Tales
- 70 Liquid nitrogen ice cream
- 71 Tyrolean Traverse



FESTIVAL SITE MAP



RESTROOM



FESTIVAL INFO



ATM



RESTAURATION

SCIENCE
TALES

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FESTIVAL
INFO

ST-LAURENT BOULEVARD

QUAY'S PROMENADE

11



SCIENCE
CENTRE

KING-EDWARD BASIN





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WORKSHOPS

57 58 59 60 61

62 CENTR STAGE



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QUAY'S PROMENADE

FESTIVAL INFO

JACQUES-CARTIER BASIN

JACQU



AL

63

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FESTIVAL
INFO



74

QUAY'S PROMENADE

BIG
STAGE



72



71

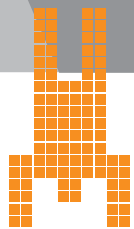
JACQUES-CARTIER BASIN

JACQUES-CARTIER QUAY

JACQUES-CARTIER QUAY



JACQUES-CARTIER
PAVILION



DON'T MISS IT!

WOW CHALLENGE

Do you love a challenge? Go to an information booth and pick up one of the ten Eureka! Rally circuits for the chance to win a prize. An exciting way to visit Eureka!, exercise your grey matter, and meet a bunch of scientists who love what they do.

*Start from one of 3 information booths
Continuous – Saturday and Sunday
Recommended for 8 and up*

1 SCIENCE TALES

Take a family break. Relax on the grass by the Basin, and listen to some science stories and legends.

*Saturday and Sunday
See schedule at the site*

51 PHOTO EXHIBITION: LA PREUVE PAR L'IMAGE Coproduction of ACFAS (Association francophone pour le savoir) and the Eureka! Festival

Science is beautiful, colourful, intriguing, and fun in this exhibition of inspiring photographs by twenty researchers who are finalists in the *La preuve par l'image* competition. Their science photos are on display throughout the site. Look for them and try to guess what inspired each one.

*Continuous
Recommended for 8 and up*

70 LIQUID NITROGEN ICE CREAM WITH THAT?

Attraction chimique
Université Laval

Learn how to make delicious instant ice cream with liquid nitrogen. And don't forget the most important step: the taste test!

Continuous – Saturday and Sunday

71 TYROLEAN TRAVERSE

Defy the laws of gravity by riding the Eureka! Tyrolean traverse. For lovers of speed and challenge only!

*Continuous – Saturday and Sunday
Recommended for 7 and up*

74 SKATER'S WALTZ Michel Lauzière

A breathtaking performance by Michel Lauzière, comedian, entertainer and musician. Watch him play a Strauss waltz by striking dozens of bottles and shower hoses with sticks attached to his roller skates! Only one performance per day!

Saturday and Sunday: 4 pm



SCIENCE UNDER THE STARS

72 SHOW: COMME PAR MAGIE Luc Langevin

Enter the enigmatic world of one of the greatest illusionists of our time. Enjoy front row seats and go up on stage to get into the act! An unusual show that will leave you amazed and mystified.

With a Bachelor of Physical Engineering and a Master's in Optics, Luc Langevin is working on a Ph. D. in Physics. He draws on all that education to create magic: the more he expands his scientific knowledge, the more fun he has defying the laws of nature.

*Saturday: 8 pm – in French
Length: 1 hour*

Tickets available at the main information booth while supplies last

73 CYCLE: MULTIMEDIA AQUATIC SHOW

CYCLE is a multimedia aquatic spectacle combining images, lasers, fountains and classical music. CYCLE creates three tableaux: nature, the awakening of humankind, and industrial conquest. Guaranteed to quench the senses!

*Saturday: 9:30 pm, 10:05 pm, 10:40 pm
Length: 20 minutes*

SCIENCE TAKES THE STAGE

interactive shows and presentations

62 CENTRAL STAGE

SCIENCE PIONEERS

Profaqua

Travel through time and discover Van de Graff's electric ball, Gould's laser, Sorensen and his acids, and Sturgeon's electromagnet!

Friday: 9:45 am

Length: 45 minutes – in French

SCIENCE INTO COMICS

Tristan Demers

Learn how to bring science personalities to life and to transform a number, a letter or your name into a comic-book hero.

Friday: 11 a.m.; Saturday 5:45 pm

Sunday: 3:30 pm

Length: 45 minutes – in French

WATER STORIES

Yvon Fortin, physicist

Lots of people know that water is necessary for life, that it covers most of the Earth's surface, and that it boils at 100° C and freezes at 0° C. Although it looks clear, what secrets does it hide?

Friday: 12 noon; Saturday: 2 pm

Length: 45 minutes – in French

THE PRESS CONFERENCE – CLOWN SHOW

Coop les ViVaces

In the middle of the Pacific Ocean, a strange new continent arises. Explorer Dr. Donald Do claims that it contains new life forms composed entirely of plastic. Try to distinguish truth from fiction at this crazy press conference.

Friday: 1:15 pm; Saturday: 11 am

Length: 30 minutes – in French

THE CYBERTR[HACK]ER

Montréal Science Centre

Learn how to deal with cyber-threats once and for all: identity theft, data theft, hacking your Facebook account. How safe are you?

Friday: 2:15 pm; Sunday: 4:45 pm

Length: 30 minutes – in French

Recommended for 10 and up

DON'T BE FOOLED!

Ariel Fenster, Ph. D., McGill University

We are constantly bombarded with fad diets and "miracle" cures, paranormal claims, faked pictures and counterfeit money. Find out how science can protect us from the people who try to fool us.

Saturday: 12 noon, 6:45 pm

Sunday: 1:15 pm

Length: 40 minutes – in French

PIXELS AND STARS

Olivier Daigle, Ph. D., Nüvü Caméras

We are surrounded by digital imaging. With the world's most sensitive astronomical camera, developed in Montreal, discover how digital imaging deals with minuscule quantities of light and how it is used in the biomedical and physical sciences.

Saturday: 1 pm; Sunday: 12:15 pm

Length: 30 minutes – in French

PLANET STRESS

Pierrich Plusquellec, Ph. D., Centre d'études sur le stress humain

Take an interactive, multimedia trip to Planet Stress. Find out why our body produces a stress response, and how to use that knowledge in handling everyday stress.

Saturday: 3:15 pm; Sunday: 2:15 pm

Length: 45 minutes – in French

THE CHEMISTRY OF LOVE

Normand Voyer, Ph. D., chemist, Université Laval

What does chocolate have in common with love at first sight? Chemistry! Learn more about the molecules that make us "crazy" about another person, and that allow us to stay in love for a lifetime.

Saturday: 4:30 pm; Sunday: 11 am

Length: 45 minutes – in French

72 BIG STAGE

SPECTACULAR DISCOVERIES!

Les Neurones Atomiques

In this electrifying show, Les Neurones Atomiques reveal some of the great discoveries and inventions of modern times with illuminating interactive demonstrations.

Friday: 9:45 am; Saturday: 5:15 pm
Sunday: 3 pm
Length: 30 minutes – in French

THE MAGIC OF CHEMISTRY

Yannick Bergeron

An explosive mixture of demonstrations that explain the scientific world around us. Soap bubbles, colour changes, energy release and torrents of coloured foam!

Friday: 11:15 am, 1:45 pm
Length: 45 minutes – in French

SPIN, POP, BOOM!

Mad Science

Head-spinning demonstrations of centripetal and centrifugal force. Young and old will marvel at “foam factories” and endothermic and exothermic chemical reactions.

Friday: 12:30 pm
Length: 45 minutes

RAPTORS FLY FREE

Falcon Environmental Services

Discover the mysteries of birds of prey. A rare opportunity to see these birds flying around you. Watch your head!

Saturday: 12 noon, 1 pm, 1:45 pm
Sunday: 12 noon, 1 pm, 1:45 pm
Length: 30 minutes

UNDER PRESSURE

Mad Science

What is air pressure and why does it matter? From dirigibles to vortex generators, you’ll experiment with scientific principles and really “take off!”

Saturday: 2:45 pm
Length: 45 minutes

FIRE AND ICE

Mad Science

Take part in experiments with dry ice, discover the three states of matter, and don’t miss the grand finale with its mysterious bubbling potion!

Saturday: 3:45 pm
Length: 45 minutes

THE GREAT RHYTHMOBILE ADVENTURE

Jeunesses Musicales of Canada

The Rhythmobile, a super-charged, hybrid all-terrain sports car, has run out of fuel during a rally. But the Rhythmobile can only run on high-rhythmic fuel. The pilot and his mechanic start searching for this precious fuel: rhythm!

Sunday: 4 pm
Length: 55 minutes – in French



SCIENCE GOES OUTDOORS

NATURE ZONE – ongoing activities

2 ECOSYSTEMS: HANDLE WITH CARE!

Quebec 4-H Clubs

3 THE CITY GOES WILD
Groupe uni des éducateurs-naturalistes et professionnels en environnement (GUEPE)

4 INTERACTIVE WATER GAMES
Éco-Nature

5 INCREDIBLE JOURNEYS
Canadian Wildlife Federation

6 7 WE CAN REFOREST – 1,2,3, GO!
Ministère des Ressources naturelles et de la Faune

8 EXPLORING NATURE WITH YOUR SENSES
Space for Life

9 BECOME A GREEN DETECTIVE
Cercles des jeunes naturalistes

10 BUGS THAT MEASURE WATERWAY HEALTH
Education and Water Monitoring Group (EWAG)

SCIENCE GOES OUTDOORS

ENGINEERING ZONE – ongoing activities

13 14 MATERIALS ENGINEERING
McGill University

15 TRULY BERNOULLI
Université de Sherbrooke

16 DANCING BUILDINGS
Université de Sherbrooke

17 SURPRISING LIQUIDS
Université de Sherbrooke

18 A CHEMICAL ENGINEER IN YOUR KITCHEN
Marianne-Mareschal Chair,
École polytechnique de Montréal

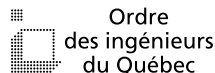
19 WHAT CIVIL ENGINEERS DO
Pont d'acier,
École polytechnique de Montréal

20 CAREERS FOR THE FUTURE
Association pour le développement de la recherche et de l'innovation du Québec - ADRIQ

21 HUMAN-PROPELLED SUBMARINE
Archimède
École polytechnique de Montréal

22 IT'S GREAT TO BE AN ENGINEER!
Ordre des Ingénieurs du Québec

Presented by



SCIENCE GOES OUTDOORS

HEALTH ZONE – ongoing activities

23 APOTHCARIUM CITY PRESENTS
“PILLS IN PRODUCTION”
in collaboration with Montreal
InVivo and Collège Gérald-Godin

24 WHAT’S YOUR BLOOD TYPE?
Association of Blood Donor
Volunteers (ABDV)

25 EMERGENCY RESPONSE
TECHNOLOGY
Urgences-santé

26 H₂O GENOME –
DECONTAMINATING OUR WATER
Génome Québec

27 DIFFERENT BRAINS
FOR DIFFERENT SPECIES
Brain Awareness Montreal

28 PET TECHNOLOGY:
THE MICROCHIP
Association des techniciens en
santé animale du Québec

29 IMMUNOLOGY DEMYSTIFIED
Armand-Frappier Museum

Presented by

Fonds de recherche du Québec



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SCIENCE GOES OUTDOORS

MINERAL ZONE – ongoing activities

30 SPIN THE MINERAL
EXPLORATION WHEEL
Minalliance

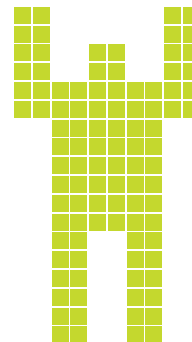
31 KNOW YOUR MINERALS
Minalliance

32 MATCH OBJECTS
AND MINERALS
Minalliance

33 LOCATE THE RESTORED SITES
Minalliance

Presented by

Minalliance



SCIENCE GOES OUTDOORS

MULTI-THEME ZONE – ongoing activities

40 MAKE A MOVIE!
CyberCap

41 SCIENCE AT PLAY
CREO

42 MEETINGS AT THE HEART OF SCIENCE

Cœur des sciences – UQAM

Scientists open their hearts and talk about their research. They will be happy to answer your questions while you see, handle and test the results of their research.

*Program available at meeting sites and information booths.
Saturday and Sunday: for adults – in French*

42 URBAN GARDENING
Université du Québec à Montréal (UQAM) and LE CRAPAUD

Friday only

43 I CAN'T BELIEVE MY EYES!
Les Scientifines

44 LIBRARY SCIENTISTS
Les bibliothèques publiques de Montréal

45 LIFE IS CHEMISTRY
CoeffiScience

46 PHYSICS AND CHEMISTRY OF DAILY LIFE
Concordia University

47 CAREERS IN TECHNOLOGY
TechnoMontréal

48 LIGHT AND SOUND
Let's talk science – UQAM

49 EATING CHEMISTRY
Institut de technologie agroalimentaire

50 SCIENCE ON YOUR PLATE
Agriculture and Agri-Food Canada

51 MYSTERIOUS IMAGES
Association francophone pour le savoir – ACFAS

52 TURN ON TO ELECTRICITY
Hydro-Québec

53 WHEN STRAWBERRIES TASTE LIKE KIWI FRUIT
Université de Montréal

54 BUDDING SCIENCE COMMUNICATORS
Association des communicateurs scientifiques

55 WANTED: BUDDING SCIENCE REPORTERS
Agence Science-Presse and Espaces Temps

56 MY PORTRAIT OF SCIENCE
CRÉ de Montréal / L'île du savoir



SCIENCE GOES OUTDOORS

MAURICIE /CENTRE-DU-QUÉBEC ZONE – ongoing activities

Each year, Eureka! features the rich science and technology of one of Quebec's regions. This year, the spotlight is on Mauricie / Centre du Québec.

34 PAPER 101
Borealis

35 AQUATIC SCIENCE:
LIFE UNDER A MICROSCOPE
GRIL, Université du Québec
à Trois-Rivières

36 HEALTHY AMPHIBIANS,
HEALTHY ENVIRONMENT
Centre de la biodiversité du Québec

37 SAVE THE BEARS!
La Mauricie National Park –
Parks Canada

38 THE FLOATING TRAIN
Cité de l'énergie, Shawinigan

39 OCCUPATION:
ARCHAEOLOGIST
Collège Lafleche – History
and Civilization program

SCIENCE GOES OUTDOORS

AERONAUTICS/AEROSPACE ZONE – ongoing activities

63 SMART DRONE
Smart Bird –
École polytechnique de Montréal

64 DIRECT FLIGHT TO QUEBEC
AVIATION HISTORY
Canadian Aviation Heritage
Centre

65 BOMBARDIER 415:
AMPHIBIOUS AIRCRAFT
Bombardier Aeronautics

66 COMMUNICATIONS
SATELLITES
MDA

67 SPACE TRAVEL: A TALE
OF PROPULSION
Cosmodôme

68 IT'S PLANE TO ME!
Aéro Montréal

69 MAKING MODEL AIRCRAFT
École des métiers de l'aérospatiale
de Montréal – CSDM



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CONCOCTING SCIENCE – workshops

11 DIGITAL DELIGHTS

Société des arts technologiques (SAT)

Help create short audio-visual clips in an image animation workshop followed by an audio sampling workshop. The sounds and images created in the workshops will then be assembled into loops with the help of our experts.

Continuous

Recommended for 8 and up

12 CYBERTR[HACK]ER

Montréal Science Centre

In the morning, get together with the one and only Cybertr[Hack]er. Ask him all your questions and find out how to deal with cyber-threats once and for all.

Friday: 10 am, 11:15 am, 12:30 pm

Saturday: 11 am, 12:15 pm, 1:30 pm

Sunday: 11 am, 12:15 pm, 1:30 pm

Length: 30 minutes

Recommended for 10 and up

12 ROCK 'N' ROLL MARBLES

In the afternoon, younger budding scientists will make marbles roll, drop and spin on a run that they build themselves.

Friday: 1:45 to 4:30 pm

Saturday: 2:45 to 7:30 pm

Sunday: 2:45 to 6 pm

Continuous

Recommended for ages 5 to 8

57 FOGHORN GUITAR

Jeunesses Musicales of Canada

Using recycled or unusual objects, create a musical instrument with several tones: a foghorn guitar!

Friday: 10 am

Saturday: 1:45 pm

Sunday: 1:45 pm

Length: 40 minutes

57 RHYTHM INSTRUMENT WITH MULTIPLE SOUNDS

Jeunesses Musicales of Canada

Using a cereal box, some old crayons and other everyday objects, create a rhythm instrument with several tones!

Saturday: 3:45 pm

Sunday: 2:45 pm

Length: 40 minutes

Recommended for ages 5 to 9

57 THE CITY GOES WILD GUEPE

Wildlife is everywhere, even in the city. What do you know about these city-dwellers? In this interactive workshop, learn more about the animals that are our neighbours...

Friday: 11 am, 11:45 am, 12:30 pm

Saturday: 11 am, 11:45 am, 12:30 pm

Sunday: 11 am, 11:45 am, 12:30 pm

Length: 30 minutes

57 59 MOVING AIR

Profaqua

Build a wind cannon and test what you've learned in an exciting, cooperative competition.

57: Friday: 1:30 pm, 2:15 pm, 3 pm

59: Saturday: 11 am, 11:45 am, 12:30 pm

Sunday: 12:15 pm, 1 pm, 1:45 pm

Length: 40 minutes

57 59 REPTILES AND INVERTEBRATES

Repti-Zone

An interactive presentation with exotic animals. Meet familiar and unfamiliar species of reptiles and invertebrates: snakes, lizards, turtles, scorpions, tarantulas, amphibians and even an alligator!

59: Saturday: 1:45 pm to 7:30 pm

57: Sunday: 3:45 pm to 5:45 pm

Length: 30 minutes

57 59 ELECTRIC GENERATORS

Les Neurones Atomiques

Learn about serial electric circuits, direct and alternating current, and transformers, and then make the connection to hydroelectric power plants. Warning! Waterpower will be replaced by your muscle power.

59: Friday: 10 am, 10:45 am, 1:45 pm, and 2:30 pm

57: Saturday: 4:45 pm, 5:30 pm, 6:15 pm

Length: 40 minutes

Recommended for ages 8 to 12

58 ENDANGERED SPECIES

Granby Zoo

Come see parts of endangered species that were seized at customs. There will also be four live animals, including reptiles. Learn all about snakes from head to tail.

Friday: 9:30 am - 12:30 pm

Saturday and Sunday: 11 am - 2 pm

Continuous

58 59 SCIENCE OF PERFUMES

Live Stuff

Use your sense of smell to create scented bath salts that you can take home with you. Scents will make total sense after this workshop!

58 : Friday: 1:45 pm; Saturday: 4:30 pm

59 : Sunday: 3 pm, 4 pm, 5 pm

Length: 45 minutes

Recommended for ages 8 to 12

58 59 THE EVOLUTION DANCE

Extrada

Come and shake it up with a troupe of professional dancers. Science makes a good dance partner, and the human body is an amazing machine that can tell us about the adaptation of the human species to its environment.

58 : Friday: 2:45 pm; Saturday: 5:30 pm, 6 pm, 7 pm

59 : Sunday: 11 am, 11:30 am

Length: 30 minutes

Extrada will also travel through the site giving dance performances.

58 MAKE A WIND TURBINE

Les ateliers verts

Make your own wind turbine that runs on muscle power (your legs!) with the help of a small bicycle. And experience the miracle: YOU can be the source of electricity!

Saturday: 2:30 pm

Sunday: 2:30 pm, 3:15 pm

Length: 40 minutes

Recommended for ages 8 to 12

58 KITES

Les ateliers verts

Hear the amazing story of kites. Then grab your sticks and scissors, and make your own!

Saturday: 3:30 pm

Sunday: 4:30 pm, 5:15 pm

Length: 45 minutes

59 ALL ABOUT WOOD

Ministère des Ressources naturelles et de la Faune

Discover the properties of wood and its development potential. Learn how useful and recreational everyday items are made.

Friday: 11:45 am, 12:30 pm

Length: 30 minutes

Recommended for 10 and up

60 BUDDING ECO-CITIZENS

Quebec 4H Clubs

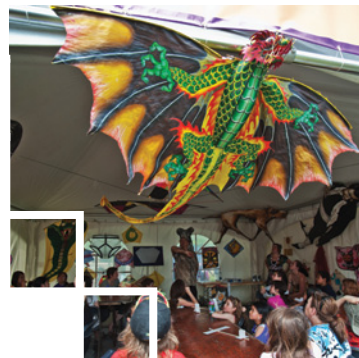
Our best tool for transforming the outer world is our "inner world." In this practical workshop, learn how to become a dynamic, responsible eco-citizen.

Friday: 10 am

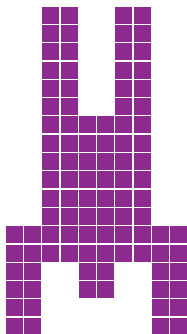
Saturday: 11 am

Length: 40 minutes

Recommended for 8 and up



© Roland Lorente



CONCOCTING SCIENCE – workshops

60 THE ABC OF RECYCLING

Quebec 4H Clubs

Waste takes so long to decompose that landfills are filling up quickly and we have to keep digging new holes. This workshop will show you how you can help the environment with every item that you don't throw away.

Friday: 11 am

Saturday: 12 pm

Sunday: 11 am

Length: 40 minutes

60 BIRDS OF PREY

UQROP

See bird parts laid out on a table: wings, feathers, skulls, bones, etc., and meet our expert who will take two live birds of prey out of their cages, one diurnal and nocturnal.

Friday: 12:15 pm - 3:15 pm

Saturday: 4:30 pm - 7:30 pm

Sunday: 3:15 pm - 6 pm

Continuous

60 ECOLOGICAL LUNCHBOX

Quebec 4H Clubs

What can we do about our overloaded landfills? This fun workshop will explore the problem of using disposable containers, even in your own lunch box!

Sunday: 12 noon

Length: 40 minutes

60 EXTRACTING FOSSILS

Petrasapiens inc.

Palaeontologists, take out your tools! Can you extract your fossil?

Saturday: 1:15 pm, 2:15 pm, 3:15 pm

Sunday: 1 pm, 2 pm

Length: 45 minutes

61 ANIMAL TRACKERS

Folie technique

Become a detective tracking animal footprints. Then create some of your own.

Continuous – Departure every 30 minutes



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- SortiesMétéo, un outil original qui vous propose des activités, peu importe où vous êtes et le temps qu'il fait
- Destination Québec, un site contributif où les internautes partagent leurs souvenirs de voyage



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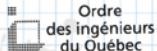
The Fonds de recherche du Québec are proud to host the Festival's Health Zone.



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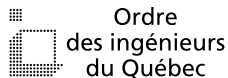
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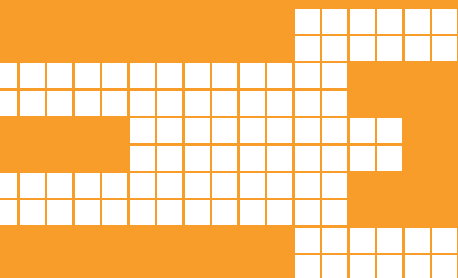


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