

EUREKA! FESTIVAL

In collaboration with



CANADIAN WILDLIFE FEDERATION
FÉDÉRATION CANADIENNE DE LA FAUNE



FILL UP ON SCIENCE

7th EDITION

JUNE 14-15-16
AT THE OLD PORT

MORE THAN
100 FREE
OUTDOOR
ACTIVITIES

SHOWS ■ ACTIVITIES ■ CONFERENCES
FORENSIC SCIENCE ■ TECHNO ■ HUMOUR AND +

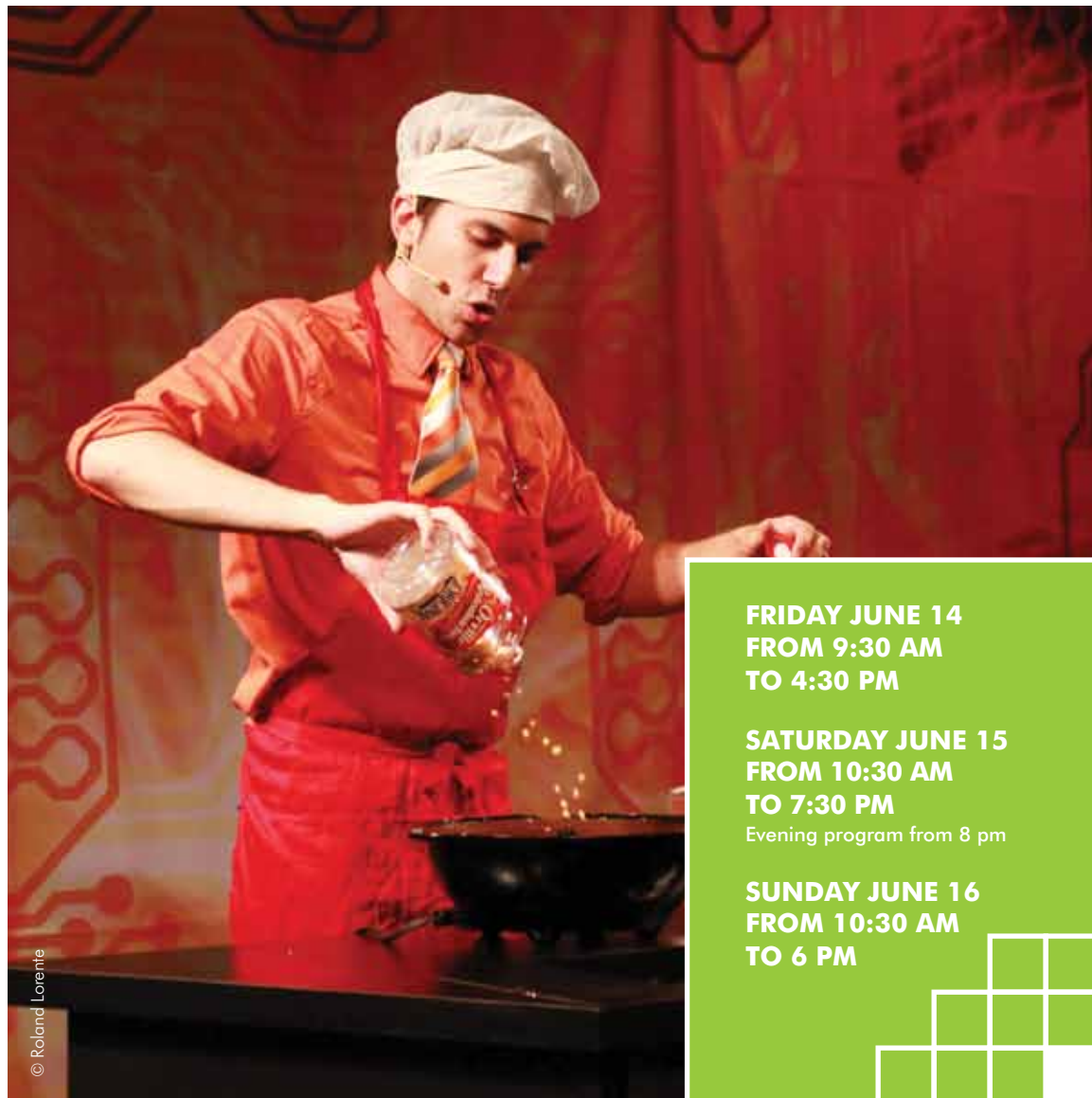
A project co-produced by

CRE
de Montréal



SCIENCE
CENTRE

EurekaFestival.ca



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**FRIDAY JUNE 14
FROM 9:30 AM
TO 4:30 PM**

**SATURDAY JUNE 15
FROM 10:30 AM
TO 7:30 PM**
Evening program from 8 pm

**SUNDAY JUNE 16
FROM 10:30 AM
TO 6 PM**

WELCOME TO THE EUREKA! FESTIVAL

This year, the Eureka! science festival is wielding the power of humour. Montrealers love to laugh. With dozens of professional comedians, the Just for Laughs festival, renowned schools and year-round entertainment, the comedy industry is an integral part of Montreal's cultural life.

The **7th EDITION** of Eureka! is offering an original blend of science and humour, and you are invited to attend this joyful marriage. But you can be more than just a guest at the wedding. Join in to test, create, discover, explore and interact with more than 150 smiling scientists who are eager to share their passion. And if anyone objects to this marriage, speak now or forever hold your peace. :-)

*Science is hilariously serious!
Or is it seriously hilarious?
Find out yourself at the Eureka! Festival*

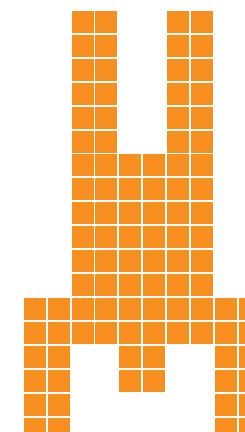
Visit our website: eurekafestival.ca

And join us on and for updates and the latest science news!



© Roland Lorente

Stéphane Bellavance,
Eureka! spokesperson



THE FESTIVAL AT A GLANCE

- INTERACTIVE SHOWS AND PRESENTATIONS
- HANDS-ON WORKSHOPS
- **Don't** MISS IT!
- FLOATING SCIENCE



FRIDAY, JUNE 14

58	9:30 am	Create a Catapult
64	9:30 am	Video Games: A Physical Activity?
60	9:45 am – 1:45 pm	Reptile Roundup
61	9:45 am	Dry Ice, Very Cool
76	9:45 am	Science or Magic 3: The Incredible Experiment!
58	10:30 am	Create a Catapult
61	10:45 am	Dry Ice, Very Cool
64	10:45 am	Journey to the Heart of Magnetic Levitation
76	11:15 am	Doktor Kaboom! Look Out, Science is Coming
58	11:30 am	Create a Catapult
14	11:45 am	Cybertr[Hack]er
61	11:45 am	Short-Circuit
64	Noon	The Chemistry of Crime
58	12:30 pm	The Robotic Brick
61	12:30 pm	Short-Circuit
76	12:30 pm	Connected?
61	1:15 pm	Short-Circuit
76	1:15 pm	The Magic of Chemistry
58	1:30 pm	The Robotic Brick
64	1:30 pm	The Quest for Jupiter's Shadow
14	1:45 pm	Cybertr[Hack]er
64	2:30 pm	Science Pioneers

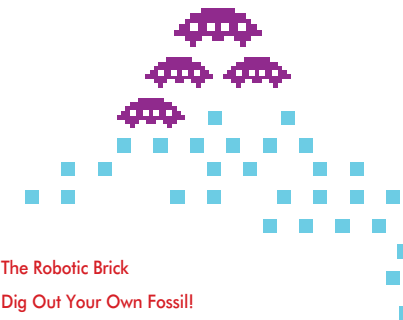
ONGOING ACTIVITIES

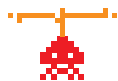
14 Rock 'n' Roll Marbles	57 "DOING" Science
15 Your Live Production	59 CSI: Montreal

SATURDAY, JUNE 15

58	10:30 am	Fish Puppets
60	10:30 am – 1:30 pm	Biodiver-City
61	10:30 am	Kitemaking Workshop
64	10:30 am	Science Pioneers
76	10:45 am	Spectacular Discoveries
58	11:15 am	Fish Puppets
61	11:30 am	Kitemaking Workshop
64	11:30 am	Planet Stress
1	Noon	HAHA ²
58	Noon	Fish Puppets
76	Noon	Connected?
61	12:30 pm	Kitemaking Workshop
14	12:45 pm	Cybertr[Hack]er
64	12:45 pm	The Chemistry of Crime
1	1 pm	Science Tales
58	1 pm	Movie Makeup FX: Cut!
61	1:30 pm	Dig Out Your Own Fossil!
76	1:30 pm	Under Pressure
60	1:45 pm – 4:45 pm	Reptile Roundup
1	2 pm	HAHA ²
58	2 pm	Movie Makeup FX: Cut!
64	2 pm	The Quest for Jupiter's Shadow
61	2:30 pm	Dig Out Your Own Fossil!
1	3 pm	Science Tales
74	3 pm	The EepyBird Coke Zero & Mentos Spectacular

58	3:15 pm	The Robotic Brick
61	3:30 pm	Dig Out Your Own Fossil!
64	3:30 pm	Video Games: A Physical Activity?
76	3:30 pm	Doktor Kaboom! Look Out, Science is Coming
14	3:45 pm	Cybertr[Hack]er
1	4 pm	HAHA ²
58	4:15 pm	The Robotic Brick
64	4:30 pm	Eureka-Ha-Ha
76	4:45 pm	Spectacular Discoveries
1	5 pm	Science Tales
60	5 pm	Dry Ice, Very Cool
61	5 pm	The Weight of Air
64	5 pm	The Neuropsychology of Music
58	5:15 pm	Do-it-yourself Megaphone
60	5:45 pm	Dry Ice, Very Cool
61	5:45 pm	The Weight of Air
58	6 pm	Do-it-yourself Megaphone
64	6 pm	The Chemistry of Love
76	6 pm	Fire and Ice
60	6:30 pm	Dry Ice, Very Cool
61	6:30 pm	The Weight of Air
58	6:45 pm	Do-it-yourself Megaphone
64	7 pm	Eureka-ha-ha
76	8 pm	Stand-up Comedy Show: Je science, donc je ris!
74	9:30 pm	The EepyBird Coke Zero & Mentos Spectacular





THE FESTIVAL AT A GLANCE

Don't MISS IT!

SUNDAY, JUNE 16

64	10:30 pm	Eureka-Ha-Ha
58	10:30 am	Do-it-yourself Trumpet
60	10:30 am – 1:30 pm	Biodiver-City
76	10:30 am	The Magic of Chemistry
61	10:45 am	This Robot Can Draw!
58	11:15 am	Do-it-yourself Trumpet
64	11:15 am	The Chemistry of Crime
61	11:30 am	This Robot Can Draw!
1	Noon	Science Tales
58	Noon	Do-it-yourself Trumpet
61	12:15 pm	This Robot Can Draw!
76	12:15 pm	Connected?
14	12:45 pm	Cybertr[Hack]er
64	12:45 pm	Journey to the Heart of Magnetic Levitation

1	1 pm	HAHA?
58	1 pm	Dig Out Your Own Fossil!
61	1 pm	This Robot Can Draw!
60	1:45 pm – 5:45 pm	Reptile Roundup
61	1:45 pm	This Robot Can Draw!
1	2 pm	Science Tales
58	2 pm	Dig Out Your Own Fossil!
64	2 pm	Video Games: A Physical Activity?
76	2 pm	Science or Magic 3: The Incredible Experiment!
61	2:45 pm	Create a Catapult
1	3 pm	HAHA?
58	3 pm	Dig Out Your Own Fossil!
74	3 pm	The EepyBird Coke Zero & Mentos Spectacular
76	3:30 pm	Science or Magic 3: The Incredible Experiment!
14	3:45 pm	Cybertr[Hack]er
61	3:45 pm	Create a Catapult
64	3:45 pm	The Chemistry of Love
1	4 pm	Science Tales
58	4:15 pm	Movie Makeup FX: Cut!
61	4:45 pm	Create a Catapult
1	5 pm	HAHA?
64	5 pm	Planet Stress
58	5:15 pm	Movie Makeup FX: Cut!



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THE WOW CHALLENGE

Do you love solving quizzes? Follow one of the circuits in this rally and you could win a prize! An exciting way to visit the Festival and meet the scientists.

Start from the three information kiosks
Continuous – Saturday and Sunday
Recommended for ages 8 and up

2 63 CHEMISTRY IS COOL Attraction chimique

Liquid nitrogen is so cool that it can be used to make ice cream almost instantly. Our ice cream professors will show you how, and offer tastings as proof.

Saturday and Sunday
starting at noon

13 MASTERING HEIGHTS AND DEPTHS SPG-ACRO

Do you find heights and depths exciting? Come meet with deep-sea divers and rope access technicians, learn about their lives and discover their unusual equipment and techniques. And don't miss the demonstrations! You won't see this anywhere else.

Demonstration schedule at the site.

62 WEARABLE SCIENCE SkinJackin

Ephemeral (and water soluble) body painting on the theme of science and technology. Give your skin to an artist for 20 minutes, and smile! Photo published on Facebook.

Saturday and Sunday: 1 pm to 5 pm

74 THE EEPYBIRD COKE ZERO & MENTOS SPECTACULAR

A hilarious, mind-blowing show inspired by a viral YouTube video: the famous *Coca-Cola Zero* and *Mentos mints* geysers created by the American duo EepyBird. They'll drop 624 mints into 104 bottles of *Coca-Cola Zero* to create a series of geysers gushing 25 feet into the air. An unbelievable candy-powered version of the Bellagio fountains in Las Vegas!

Saturday: 3 pm and 9:30 pm
Sunday: 3 pm

75 THE EUREKA! TOWER

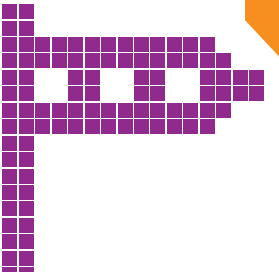
Calling all thrill seekers! Can you climb to the top of the Eureka! Tower? Master several basic notions about climbing...physics and physical.

Continuous – Saturday and Sunday
Recommended for ages 6 and up

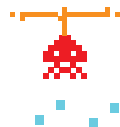


© EepyBird.com

FESTIVAL SITE PLAN



Don't MISS IT!



FLOATING SCIENCE

Ready for a break by the water? Take a stroll around the pond and secrete some endorphins with our storytellers and comedians. Smiles guaranteed!

*Starting at noon
Saturday and Sunday
In French*

1 HAHA²

Simon Laroche and Josiane Aubuchon, in collaboration with the École nationale de l'humour

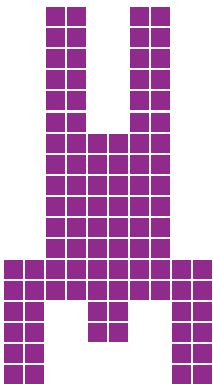
Two hilarious scientists invite you to share laughter, surprises and rock and roll.

*Saturday: Noon, 2 pm and 4 pm
Sunday: 1 pm, 3 pm and 5 pm*

1 SCIENCE TALES

Estelle and Noë transport you to a fantastical world of wild adventures where science and fiction intertwine.

*Saturday: 1 pm, 3 pm and 5 pm
Sunday: Noon, 2 pm and 4 pm*



SCIENCE ON THE MOVE

There will be lots of action on the festival site. Strolling artists and performers could pop up at any moment to get you thinking about the nature that surrounds us. Jive with *Ample Man Danse* to the theme of the 8th Continent, also known as the Trash Vortex. Admire the *Dream Hunters'* strange winged creatures that roam the Earth. Future angels, dragons or butterflies? You decide. Or just shake your booty to the *Garbage Dump Rap* by *Junkyard Symphony*, musicians who transform garbage into musical instruments.

Continuous – Saturday and Sunday



SCIENCE UNDER THE STARS

76 STAND-UP COMEDY SHOW: JE SCIENCE, DONC JE RIS!

by Maxim Martin, Pierre-Bruno Rivard and François Boulianne

What would happen if we asked comedian Maxim Martin to make us laugh by talking about science and technology? If the marriage of humour and science tickles your funny bone, don't miss this fabulous free show, also starring Pierre-Bruno Rivard and François Boulianne.

*Saturday: 8 pm – in French
Length: 1 hour
Recommended for ages 10 and up
Tickets available at the Festival information booth while supplies last*

74 THE EEPYBIRD COKE ZERO & MENTOS SPECTACULAR

A hilarious, mind-blowing show inspired by a viral YouTube video: the famous Coca-Cola Zero and Mentos mints geysers created by the American duo EepyBird.

They'll drop 624 mints into 104 bottles of Coca-Cola Zero to create a series of geysers gushing 25 feet into the air. An unbelievable candy-powered version of the Bellagio fountains in Las Vegas!

*Saturday: 9:30 pm
Length: 20 minutes*

SCIENCE TAKES THE STAGE

Interactive shows and presentations

Presented by



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64 CENTRAL STAGE

VIDEO GAMES: A PHYSICAL ACTIVITY?

**Alain-Steve Comtois,
Cœur des sciences – UQAM**

Can video games keep you in shape? Compare the effect of video games on your body to that of other physical activities! Heart rate, oxygen consumption, energy transformation... The results will surprise you! Volunteers wanted.

Friday: 9:30 am
Saturday: 3:30 pm
Sunday: 2 pm
Length: 45 minutes – in French

JOURNEY TO THE HEART OF MAGNETIC LEVITATION

**Alexis Reymbaut, Ph.D. candidate,
Université de Sherbrooke**

Through a series of experiments, discover how superconductivity, magnetism and very low temperatures allow matter to levitate—without magic tricks!

Friday: 10:45 am
Sunday: 12:45 pm
Length: 45 minutes – in French

THE CHEMISTRY OF CRIME

Dr. Ariel Fenster, McGill University
Sherlock Holmes had only a magnifying glass for solving mysteries. Imagine what he could have done with the tools used by today's police, such as chromatographs,

spectrometers and lasers. Come discover the evolution of forensic science with examples from famous cases.

Friday: Noon
Saturday: 12:45 pm
Sunday: 11:15 am
Length: 45 minutes – in French

THE QUEST FOR JUPITER'S SHADOW

**Laurent V. Joli-Cœur,
astrophotographer, winner
of the best project at the
Canada-Wide Science Fair 2012,
and the very first astronomer to
photograph Jupiter's shadow!**

Can Jupiter's light cast shadows? How do you photograph the night sky? Discover the secrets of astronomy and astrophotography from this 16-year-old astronomer who is passionate about his exceptional career and discoveries.

Friday: 1:30 pm
Saturday: 2 pm
Length: 45 minutes – in French

SCIENCE PIONEERS

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

Friday: 2:30 pm
Saturday: 10:30 am
Length: 45 minutes – in French

PLANET STRESS

**Pierrich Plusquellec, Ph. D.,
Centre for Studies on Human Stress**

Take an interactive multimedia trip to Planet Stress. Find out why our bodies produce a stress response, and how to use this knowledge to handle everyday stress.

Saturday: 11:30 am
Sunday: 5 pm
Length: 45 Minutes – In French

EUREKA-HA-HA

**Rabii and Bizz, in collaboration with
the École nationale de l'humour**

Elements in the Big Bang: helium, hydrogen and lithium. Elements in the Big Bang of laughter: Alexandre Bisailon and Rabii Rammal. You'll burst out laughing!

Saturday: 4:30 pm and 7 pm
Sunday: 10:30 pm
Length: 20 minutes – in French



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SCIENCE TAKES THE STAGE

Interactive shows and presentations

Presented by



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THE NEUROPSYCHOLOGY OF MUSIC

Sébastien Paquette and Geneviève Mignault-Goulet, researchers at BRAMS

Why are our brains musical? How do the structures and functions of our nervous system allow us to listen and respond to music? Enlightening...and interactive!

Saturday: 5 pm
Length: 45 minutes – in French

THE CHEMISTRY OF LOVE

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

What do love at first sight and chocolate have in common? 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: 6 pm
Sunday: 3:45 pm
Length: 45 minutes – in French

76 BIG STAGE

SCIENCE OR MAGIC 3: THE INCREDIBLE EXPERIMENT
Daniel Coutu

Magician Daniel Coutu expands the limits of the possible and puts you to the test. Amazing magic tricks and scientific experiments will have you asking questions...and more importantly, finding answers!

Friday: 9:45 pm
Sunday: 2 pm and 3:30 pm
Length: 45 minutes – in French

DOKTOR KABOOM! LOOK OUT, SCIENCE IS COMING
Kaboom Studios, Earth

Doktor Kaboom travels the world with a show that combines theater, art and scientific discovery. No magic, no tricks up his sleeve...just science and lots of laughs! For the whole family.

Friday: 11:15 am
Saturday: 3:30 pm
Length: 45 minutes – in English

CONNECTED? CONTEMPORARY DANCE
Andrée-Anne Rathé, choreographer

Take out your smart phones and tablets! Review this dance live via Facebook and even shape its development.

Friday: 12:30 pm
Saturday: Noon
Sunday: 12:15 pm
Length: 20 minutes

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: 1:15 pm
Sunday: 10:30 am
Length: 45 minutes – in French

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.

Saturday: 10:45 am and 4:45 pm
Length: 30 minutes – in French

UNDER PRESSURE

Mad Science

What is air pressure and why does it matter? From dirigibles to vortex generators, you'll carry out experiments based on scientific principles and really “take off”!

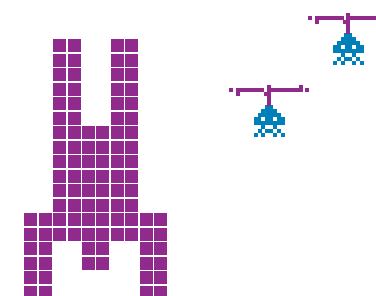
Saturday: 1:30 pm
Length: 45 minutes

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: 6 pm
Length: 45 minutes



© Mark Baer

SCIENCE GOES OUTDOORS

NATURE ZONE – ongoing activities

Presented by
Ressources
naturelles
Québec

3 ARE YOU GASPIEAU OR VASIMOLEAU?

Centre d'interprétation de l'eau
(C.I.EAU)

4 5 WOOD AND METAL EVERYWHERE

Ministère des Ressources naturelles

6 EARTH'S KIDNEYS

Les Clubs 4-H du Québec

7 A NATURAL CITY G.U.E.P.E.

8 EXAMINE YOUR ECOZONE

Canadian Wildlife Federation

9 ANIMAL DETECTIVES

Les Cercles des Jeunes Naturalistes

10 OUR LAKES' WHEEL OF MISFORTUNE

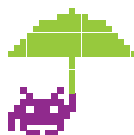
Group for Interuniversity Research
in Limnology (GRIL)

11 AQUA-TIC BIODIVERSITY

Education and Water
Monitoring Action Group

12 NATURE IMMERSION

Espace pour la vie



SCIENCE GOES OUTDOORS

ENGINEERING ZONE – ongoing activities

Presented by
Ordre
des ingénieurs
du Québec

16 IT'S GREAT TO BE AN ENGINEER!

Ordre des ingénieurs du Québec

17 SURPRISING LIQUIDS

Université de Sherbrooke

18 AVIATION IN ACTION

Smart Drone,
École Polytechnique de Montréal

19 VIDEO GAMES AND MOTOR DEVELOPMENT: A WINNING COMBINATION!

Formule SAE,
École Polytechnique de Montréal

20 SUBMARINE TEST TANK

Archimède,
École Polytechnique de Montréal

21 SOUND-SOAKED

PolyProjet,
École Polytechnique de Montréal

22 PIT STOP: MAY THE FASTEST WIN!

Baja SAE,
École Polytechnique de Montréal

23 DRIVING ELECTRICITY

Esteban Project,
École Polytechnique de Montréal

24 25 DANGER: AIR POLLUTION AND CYCLISTS

McGill University

26 A CHEMICAL ENGINEER IN YOUR KITCHEN

Chaire Marianne-Mareschal,
École Polytechnique de Montréal

SCIENCE GOES OUTDOORS

HEALTH ZONE – ongoing activities

27 YOU'RE THE HERO OF YOUR GENES

Génome Québec

28 WHAT'S YOUR BLOOD TYPE?

Héma-Québec and the
Association of Blood Donation
Volunteers (ABDV)

29 LET'S SAVE LIVES!

Corporation d'urgences-santé

30 YOUR BRAIN: REALITY OR ILLUSION?

Brain Awareness Montreal

31 INNOVATIVE PET TECHNOLOGY: THE MICROCHIP

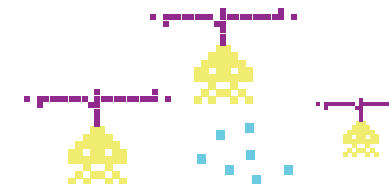
Animal Health Technicians
Association of Quebec in
association with City
of Montreal

32 BECOME A RESEARCH APPRENTICE

IRCM



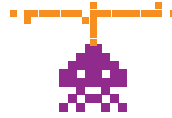
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SCIENCE GOES OUTDOORS

MULTI-THEME ZONE – ongoing activities



13 MASTERING HEIGHTS AND DEPTHS
SPG-ACRO

33 THE SKY IS THE LIMIT!
Aero Montreal

34 CAN YOU BELIEVE YOUR EYES?

Association francophone pour le savoir – Acfas

35 TECHNO SCIENCE AT PLAY
CREO / ADRIQ

36 ON THE ROAD TO SPACE
Cosmodome
Space Camp Canada

37 SPACE: AN EXTREME ENVIRONMENT
MDA

38 CAREER CHOICES IN TECHNOLOGY
TechnoMontréal

39 SCIENCE ON YOUR PLATE
Armand-Frappier Museum

40 LIGHTS, CAMERA, ACTION! GREEN SCREEN TECHNOLOGY
CyberCap

41 GET LIBRARY SMART
Les Bibliothèques de Montréal and Le Club des Débrouillards

42 COLD WAR: MICROBIAL WEAPONS AND EXTREME ICE
Université de Montréal

43 LET'S TALK SCIENCE NO. 5: THE SCIENCE OF SCENTS
Let's Talk Science – UQAM

44 BECOME A GREEN AGENT
Écotech Québec

45 THE ELECTRIC CIRCUIT
Hydro-Québec

46 HYDROGEOLOGIST FOR A DAY
Cœur des sciences – UQAM

47 EATING FOOD CHEMISTRY
Institut de technologie agroalimentaire

48 ASTRONAUT FOR A DAY
Canadian Space Agency

49 MONEY DOESN'T GROW ON TREES
Desjardins

50 CREATE YOUR OWN WEB STORY
Espaces temps and Agence Science-Pressé

51 PLAYING WITH AIR
Les Scientifines

52 THE EVOLUTION OF MOBILITY
Bombardier Aerospace

53 INNOVATIONS IN AGRICULTURE
Agriculture and Agri-Food Canada

54 **55** LIFE IS CHEMISTRY!
CoeffiScience

56 MODERN INVENTORS
L'île du savoir / CRÉ de Montréal

73 THE SEARCH FOR FORENSIC EVIDENCE
SPVM – Forensic Identification and Technological Crime



SCIENCE GOES OUTDOORS

QUEBEC CITY REGION ZONE – ongoing activities

65 A MOUTHFUL OF SCIENCE
Faculté des sciences de l'agriculture et de l'alimentation

66 1, 2, 3...CALCULATE!
SMAC

67 FLYING OVER DIGESTION
La Maison Léon-Provancher

68 DNA – A VERY PRIVATE DETECTIVE
School of DNA – Lévis

69 A "MATTER" OF SPORTS
Attraction chimique, Université Laval

70 AND THERE WAS LIGHT!
Boîte à science

SCIENCE GOES OUTDOORS

MINERAL ZONE – ongoing activities

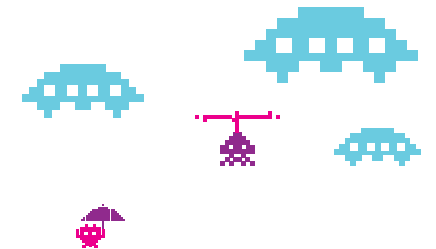
presented by
Minalliance

71 ON YOUR MARK, GET SET, EXPLORE!
Minalliance

71 YOUR FUTURE: A FIELD OF POSSIBILITIES
Minalliance

72 THE MINER'S BACKPACK
Minalliance

72 WHAT'S IT MADE OF?
Minalliance



© Roland Lorient

CONCOCTING SCIENCE – workshops

14 ROCK 'N' ROLL MARBLES Montréal Science Centre

The youngest budding scientists are invited to make marbles roll, fall and swirl on a track that they build themselves.

Continuous, except during the Cybertr[Hack]er demonstrations.
Recommended for ages 5 and up

14 CYBERTR[HACK]ER Montréal Science Centre

Join 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: 11:45 am and 1:45 pm
Saturday: 12:45 pm and 3:45 pm
Sunday: 12:45 pm and 3:45 pm
Length: 30 minutes
Recommended for ages 10 and up

15 YOUR LIVE PRODUCTION Society for Arts and Technology

Explore live audiovisual production in three technology workshops. Compose rhythms, edit video captured live or create your first animated film. Get ready to produce!

Continuous
Recommended for ages 8 and up

57 "DOING" SCIENCE échoFab

Join the hands-on exploration of science and technology at the Fab Lab. Design an autonomous robot and play with the science of waves.

Continuous
Recommended for ages 9 and up

58 61 CREATE A CATAPULT Folie technique

Work with your team to build a catapult and then face two challenges:

1. Launch as many projectiles as possible at a target!
2. Launch projectiles as far as possible!

58 Friday: 9:30 am, 10:30 am and 11:30 am

61 Sunday: 2:45 pm, 3:45 pm and 4:45 pm
Length: 45 minutes
Recommended for ages 8 and up

58 THE ROBOTIC BRICK Robotique FIRST Québec

A programmable intelligent brick lets you create routines and interactions with other bricks to move, detect, recognize and grasp objects...easy as pie!

Friday: 12:30 pm and 1:30 pm
Saturday: 3:15 pm and 4:15 pm
Length: 45 minutes
Recommended for ages 9 to 14

58 FISH PUPPETS Les ateliers verts

Visit Zac's fantastic water world and discover his habitat. Create your own fish puppet, and learn how to manipulate it. Then tell your story!

Saturday: 10:30 am, 11:15 am and noon
Length: 45 minutes
Recommended for ages 4 to 7

58 MOVIE MAKEUP FX: CUT! Milsuite FX Creations Inc.

Learn about various products used in the movies, and then create a special effect by changing the appearance of part of your arm. Leave with your transformation! Awesome and yucky!

Saturday: 1 pm and 2 pm
Sunday: 4:15 pm and 5:15 pm
Length: 45 minutes
Recommended for ages 8 and up

58 61 DIG OUT YOUR OWN FOSSIL! PetraSapiens

Palaeontologists, take out your tools. Can you extract a fossil for yourself? Find out about the various types of fossilization and view remarkable specimens.

61 Saturday: 1:30 pm, 2:30 pm and 3:30 pm
58 Sunday: 1 pm, 2 pm and 3 pm
Length: 45 minutes

58 DO-IT-YOURSELF MEGAPHONE Jeunesses Musicales Canada

Build a fun and colourful megaphone that lets you explore the phenomenon of sound amplification. And learn different ways to change your voice.

Saturday: 5:15 pm, 6 pm and 6:45 pm
Length: 35 minutes
Recommended for ages 3 to 6



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58 DO-IT-YOURSELF TRUMPET

Jeunesses Musicales Canada

The trumpet is a wind instrument with a bright sound. But how does it really work? What role does its mouthpiece play? Make your own carnival trumpet and join the celebration!

Sunday: 10:30 am, 11:15 am and noon
Length: 35 minutes
Recommended for ages 6 to 12

59 CSI: MONTREAL

Attraction chimique

A crime was committed during the night. We need you – and chemistry – to help solve it. Are you up for the challenge?

Continuous
Length: 20 minutes

60 REPTILE ROUNDUP

Repti-Zone

Discover several species of reptiles and invertebrates, and learn about their lifestyle and special characteristics. Come meet snakes of all sizes, lizards, turtles, a scorpion, a tarantula and an alligator!

Friday: 9:45 am to 1:45 pm
Saturday: 1:45 pm to 4:45 pm
Sunday: 13:45 pm to 5:45 pm
Continuous

60 BIODIVER-CITY

G.U.E.P.E.

Get to know all the services provided by the vast array of living beings that dwell in our cities and help make the great Mosaic of Life.

Saturday: 10:30 am to 1:30 pm
Sunday: 10:30 am to 1:30 pm
Continuous

60 61 DRY ICE, VERY COOL

Profaqua

Ever heard of a solid gas? Like a real scientist, formulate and validate hypotheses about the reactions of dry ice. Carry out four amazing scientific experiments using solid carbon dioxide gas at a temperature of -78°C .

61 Friday: 9:45 am and 10:45 am
60 Saturday: 5 pm, 5:45 pm and 6:30 pm
Length: 45 minutes
Recommended for ages 6 and up

61 SHORT-CIRCUIT

Les Neuronnes Atomiques

What is the danger of electrical overloads? Install a power line and then make and check your own circuit breaker. Create sparks and flames...safely!

Friday: 11:45 am, 12:30 pm and 1:15 pm
Length: 45 minutes
Recommended for ages 8 to 14

61 KITEMAKING WORKSHOP

Les Cerfs-VolantStylistes

Give your imagination free rein to create a brightly coloured abstract work or a joyful picture on a canvas. Add sticks and ribbons, and your artwork is ready to take flight!

Saturday: 10:30 am, 11:30 am and 12:30 pm
Length: 45 minutes
Recommended for ages 6 and up

61 THE WEIGHT OF AIR

Les Neuronnes Atomiques

Does air have weight or mass? Find out for yourself with vacuum jars. What are the everyday applications of the properties of the air? Demonstrations will reveal amazing phenomena. A vital topic!

Saturday: 5 pm, 5:45 pm and 6:30 pm
Length: 45 minutes
Recommended for ages 8 to 12

61 THIS ROBOT CAN DRAW!

Les Ateliers Neuronix

Think robotics is complicated? This might change your mind! Build a simple and fun robot that moves by drawing fascinating and often surprising geometric figures.

Sunday: 10:45 am, 11:30 am, 12:15 pm, 1 pm and 1:45 pm
Length: 30 minutes
Recommended for ages 6 to 12



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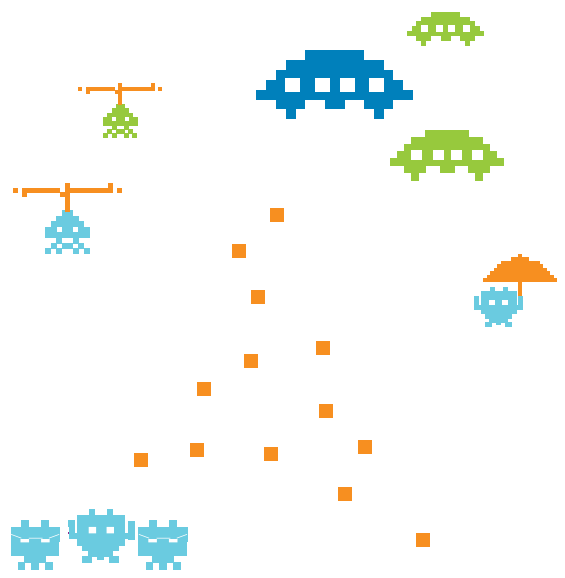
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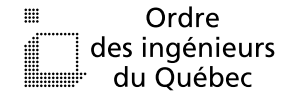
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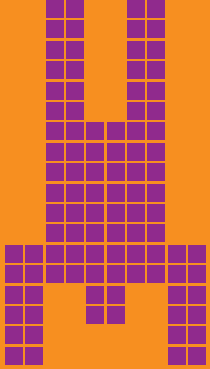


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