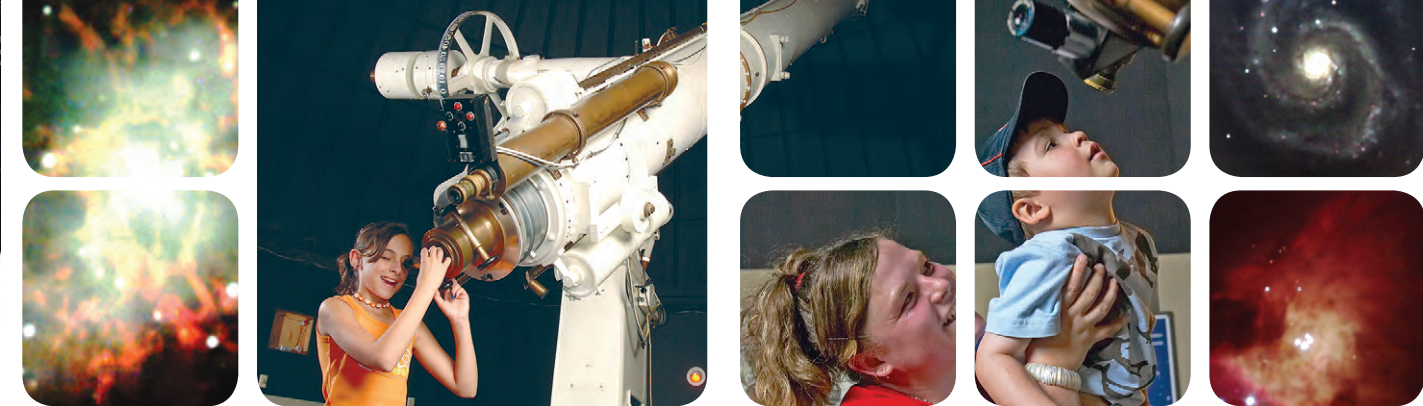


AT THE MUSEUM YOUTH ASTRONOMY NIGHTS
 NATIONAL SCIENCE AND TECHNOLOGY WEEK
 ASTRONOMY CAFÉ
 STARGAZING
 STAR PARTY
 UNIVERSE
 FAMILY ASTRONOMY



ASTRONOMY PROGRAMS

September 2011 – August 2012

CANADA
 SCIENCE
 AND
 TECHNOLOGY
 MUSEUM



STARGAZING — FREE!

Want to view the night sky from the Helen Sawyer Hogg Observatory? Join us on the dates below as we open the doors and welcome stargazers. The program is free and **strictly weather permitting** (no indoor presentations). Dress warmly. Duration: 90 minutes

2011	
October 21	8:00 p.m.
November 18	9:00 p.m.
December 21 ❄️	7:00 p.m.
2012	
February 14 ❤️	8:30 p.m.
March 16	7:30 p.m.
March 31 🌍	7:30 p.m.
April 28 ✨	8:00 p.m.
May 11	8:30 p.m.
June 1	9:00 p.m.
July 6	9:00 p.m.
August 10	9:00 p.m.

- ❄️ Winter Solstice
- ❤️ Valentine's Day — a romantic night under the stars
- 🌍 Earth Hour — what better time to gaze at the night skies than when the lights go out!
- ✨ International Astronomy Day

CELEBRATE NATIONAL SCIENCE AND TECHNOLOGY WEEK OCTOBER 14 TO 23, 2011

SIMPLIFIED STARGAZING FROM CITY OR COUNTRY BY TERENCE DICKINSON

Friday October 21 — 7 p.m. — Free Admission
 The majesty of the night sky has fascinated humans since antiquity. In this highly illustrated presentation, *SkyNews* magazine editor Terence Dickinson demonstrates his ultrasimplified techniques for star and constellation identification. Followed by a **Star Party at 8 p.m.**

CELEBRATE INTERNATIONAL ASTRONOMY DAY AT THE MUSEUM SATURDAY, APRIL 28, 2012

Curious about the wonders of the night skies? The universe is yours to discover, so make it a family outing and come explore with us.

DAYTIME ACTIVITIES (included with Museum admission) 10 a.m. – 4 p.m.
 Enjoy activities for all ages that are out of this world! Explore the night sky in the inflatable planetarium, safely observe the Sun (weather permitting), visit the Helen Sawyer Hogg Observatory, or make your own astronomy craft to take home.

INTERNATIONAL ASTRONOMY DAY FREE STAR PARTY 8 p.m. – 10 p.m.
 Join us for a free star party! Enjoy views of the Moon and planets through a variety of telescopes including Canada's largest refracting telescope. The program is free and **strictly weather permitting** (no indoor presentations). Dress warmly.

YOUTH ASTRONOMY NIGHTS

Minimum 20 participants, \$4 per person

GROUP PROGRAMS
 Learn about the Solar System and discover how stars are formed. Touch real meteorites, look through Canada's largest refracting telescope (weather permitting), or view the constellations in the Museum's inflatable planetarium. Duration: 90 minutes

BADGE PROGRAMS
 Based on the Group Program (above), with hands-on activities and demonstrations, badge programs are specially tailored to Sparks, Beavers, Brownies, Cubs, Guides, Scouts, Pathfinders, and Venturers wishing to obtain their astronomy or space badges. Duration: 90 minutes

NEW! ASTRONOMY CAFÉ FOR ADULTS

Minimum 10, maximum 20 participants, \$8 per person.

Enjoy a night of astronomy learning, discussions, and observations over a cup of tea or coffee — no science background required. A perfect outing for adult community clubs, associations, seniors' and university groups. Tour our Universe with an experienced astronomy educator, then observe through Canada's largest refracting telescope (weather permitting), or view the night sky in the comfort of the Museum's inflatable planetarium. Duration: 90 minutes

FAMILY ASTRONOMY AND SPACE WORKSHOPS

Designed for kids ages 4 to 12, these out-of-this-world hands-on family workshops feature take-home crafts. Each month, new and exciting discovery activities encourage children's exploration of the fascinating world of astronomy and space science. Duration: 90 minutes

SPECIAL PACKAGE PRICING
 Choose all nine or any three family workshops from the next panel:

	3 Workshops	9 Workshops
1 Child + 1 Adult* (ages 4 to 12)	\$30	\$80
Extra Adult	\$10	\$25

* children work with their accompanying adult(s) to make their craft

2011 Fridays — 7 p.m.

NOVEMBER 4 — CRAZY COMETS
 Watch a live demonstration with dry-ice comets, learn how these mysterious Solar System objects are formed, and create your own comet to take home.

NOVEMBER 25 — CONSTELLATION BOOK
 Hear the stories and mythology of the stars in the sky, and make your own glow-in-the-dark constellation book.

DECEMBER 16 — CREATE A CLOUD MOBILE
 Learn about space weather on other planets, create real clouds indoors, and make your own cloud mobile to take home.

2012 Fridays — 7 p.m.

JANUARY 13 — PLANETS
 Learn about the eight planets then choose your favourites to make your own re-usable planetary stamps.

FEBRUARY 3 — SATURN MODEL
 Construct your own ringed model of the planet Saturn and learn what makes this one of the coolest planets in our Solar System.

FEBRUARY 17 — GROOVY GALAXIES
 Have a groovy good time crafting your own suncatcher of spiraling galaxies to take home with you.

MARCH 9 — COLOUR ME COSMIC
 Have fun with the colourful world of astronomy, from infrared to UV light, then create a black-light cosmic craft to bring home.

APRIL 13 — IT'S ABOUT TIME
 Explore the different ways the Sun and stars can help us to tell time, and construct a fancy pocket sundial to take home.

MAY 18 — SPACE PAYLOAD: EGG DROP
 Test your space engineering skills with this *eggcellent* activity designing landing gear for your delicate cargo.

Advance registration is required for all group programs and workshops. Payment is required upon registration. The Museum reserves the right to substitute workshops when registration is insufficient.

Parking is free
 613-991-3053 or 1-866-442-4416
 TTY: 613-991-9207