

Astronomy Series at the DDO

Astronomy Series

Richmond Hill is pleased to offer the following Astronomy Series programs in partnership with the David Dunlap Observatory Defenders and the Royal Astronomical Society of Canada – Toronto Centre.

Astronomy Series

Astronomy Night

Visit a unique historical site in Richmond Hill and experience an engaging presentation, led by experts and researchers in astronomy, covering a variety of exciting astronomy topics. After the presentation, participants will tour the observatory and see a demonstration of the 74" telescope. If the sky is clear, the dome will be opened and the telescope pointed to an interesting celestial object for the visitors to view. Please wear/bring appropriate supplies for being outdoors. All registered participants under the age of 16 must be accompanied by a registered adult. Please arrive 15 minutes prior to the program start time in order to be signed in.

Age: 13 and older

Fee: \$16.39 per person ages 15 and older,
\$14.50 per person ages 14 and younger

Date	Time	Code
Saturday, April 6	8:30 – 11 p.m.	37456
	9:30 p.m. – 12 a.m.	38154
Friday, April 12	8:30 – 11 p.m.	37428
	9:30 p.m. – 12 a.m.	38153
Saturday, April 13	8:30 – 11 p.m.	38167
Friday, May 18	9 – 11:30 p.m.	37459
Friday, May 31	9 – 11:30 p.m.	37436
Saturday, June 8	9 – 11:30 p.m.	37461
	10 p.m. – 12:30 a.m.	38155
Saturday, June 15	9:30 p.m. – 12 a.m.	37462
Saturday, June 29	9 – 11:30 p.m.	37463
	10 p.m. – 12:30 a.m.	38156
Saturday, July 6	9 – 11:30 p.m.	37464
	10 p.m. – 12:30 a.m.	38157
Saturday, July 13	9 – 11:30 p.m.	37465
Saturday, August 3	9 – 11:30 p.m.	37467
	10 p.m. – 12:30 a.m.	38158
Saturday, August 10	8:30 – 11 p.m.	37468
Saturday, August 31	8:30 – 11 p.m.	37469
	9:30 p.m. – 12 a.m.	38159

Astronomy Family Night

Families will be introduced to the wonders of astronomy through a presentation on a variety of exciting astronomy topics, followed by age-appropriate celestial activities and a demonstration of the 74" telescope. If the sky is clear the dome will be opened and the telescope pointed to an interesting celestial object for the visitors to view. All participating family members must be registered and any participants under the age of 16 must be accompanied by a registered adult. Please wear/bring appropriate supplies for being outdoors and arrive 15 minutes prior to the program start time in order to be signed in.

Age: All ages

Fee: \$16.39 per person ages 15 and older,
\$14.50 per person ages 14 and younger

Date	Time	Code
Saturday, April 27	8:30 – 11 p.m.	37431
Friday, May 3	8:30 – 11 p.m.	37432
Friday, May 4	8:30 – 11 p.m.	37457
Friday, May 10	8:30 – 11 p.m.	37433
Saturday, May 25	9 – 11:30 p.m.	37438
Friday, June 7	9 – 11:30 p.m.	37439
Saturday, June 22	9:30 p.m. – 12 a.m.	37442
Friday, June 28	9 – 11:30 p.m.	37443
Friday, July 12	9 – 11:30 p.m.	37445
Saturday, July 20	9 – 11:30 p.m.	37447
Friday, July 26	9 – 11:30 p.m.	37448
Friday, August 9	8:30 – 11 p.m.	37450
Saturday, August 17	8:30 – 11 p.m.	37452
Friday, August 23	8 – 10:30 p.m.	37453

Astronomy Themed Paint Night

Be inspired by the cosmos and paint your version of the night sky, galaxy or a planet! Find your inspiration from an astronomer who will start with a short introduction to an astronomy-themed topic and with an artist-in residence. Please wear/bring appropriate supplies for painting and for being outdoors.

Age: 19+

Fee: \$22.60

Date	Time	Code
Tuesday, May 21	7:30 – 10 p.m.	37471
Tuesday, July 23	7:30 – 10 p.m.	37473
Tuesday, August 20	7:30 – 10 p.m.	37474



Richmond Hill David Dunlap
OBSERVATORY



www.rascto.ca



www.ddod.ca

All registered participants under the age of 16 must be accompanied by a registered adult.

RichmondHill.ca/Astronomy to register.

Astronomy Series at the DDO

Introduction to Astronomy

This six week introductory-level course is designed for new astronomers. Participants will gain a basic understanding of the objects in the day and night sky, will learn how to observe these objects and will gain an introductory knowledge of the Universe formation and expansion. The lessons will be augmented by observing sessions (weather permitting). Please wear/bring appropriate supplies for being outdoors.

Age: Age 12 and older

Fee: \$135.60 per person ages 15 and older
\$120.00 per person ages 14 and younger

Date	Time	Code
Thursday, April 11 to Thursday, May 16	7 - 9 p.m.	37475

Telescope Assessment

Do you have a telescope at home that doesn't seem to be working properly? We can help! Participants will be provided with a 15 minute one on one advice session on their personal telescope, its capabilities and limitations and recommendations on where it can be repaired (if necessary). All participating family members must be registered and any participants under the age of 16 must be accompanied by a registered adult.

Age: 6 and older

Fee: \$4.52 per person ages 15 and older
\$4.00 per person ages 14 and younger

Date	Time	Code
Saturday, May 11	2 - 4 p.m.	38165

How to use Your Telescope

Do you have a telescope at home and are in need of some guidance on how to use it? We can help! Participants will be provided with a 15 minute one-on-one instruction on how to use it indoors and outdoors (weather permitting) by experts in the field of astronomy. All participating family members must be registered and any participants under the age of 16 must be accompanied by a registered adult.

Age: 6 and older

Fee: \$4.52 per person ages 15 and older
\$4.00 per person ages 14 and younger

Date	Time	Code
Saturday, May 11	8:30 - 10:30 p.m.	38166

Space Fun!

Come out and use your imagination to experience space and all the wonders it has to offer. Through crafts, games, stories and songs about the seasons and nighttime sky, your child's creativity will run wild. All activities will be held in the Administration Building. Adult participation is required. All participating family members must be registered.

Age: 7 and older

Fee: \$11.30 per person ages 15 and older,
\$10.00 per person ages 14 and younger

Date	Time	Code
Sunday, April 14	2 - 3 p.m.	38160
Sunday, April 14	3:30 - 4:30 p.m.	38380
Sunday, May 19	2 - 3 p.m.	38162
Sunday, May 19	3:30 - 4:30 p.m.	38381
Sunday, June 9	2 - 3 p.m.	38612
Sunday, June 9	3:30 - 4:30 p.m.	38382
Sunday, Jul 14	2 - 3 p.m.	38163
Sunday, Jul 14	3:30 - 4:30 p.m.	38383
Sunday, August 11	2 - 3 p.m.	38164
Sunday, August 11	3:30 - 4:30 p.m.	38384

Explore the cosmos through our new programs at the David Dunlap Observatory.

NEW

The Richmond Hill DDO Administrative Building will be open for public drop in hours the first Sunday of every month from 1 - 4 p.m. May to October. We welcome visitors to come and see this one of a kind building and enjoy the park setting. Note: The telescope will not be open during this time. Admission is free.

To enhance your experience, register for one of our Historical Tours below.

DDO Administrative Building Historical Tour

The David Dunlap Observatory has been a centre for astronomical research in Canada and a well-known attraction since its opening on May 31, 1935. But did you know this site was a family farm throughout the 19th century and we've got a story to tell about the people that played an instrumental role in the development of the property. Join Heritage Services on a historical tour of the administration building to learn about the history of the land and see the architectural features of this Beauix Art style building. This tour also includes the opportunity to see the observatory's 74 inch telescope.

Please Note: The focus of this tour is the DDO Administration Building. Visits to the telescope will not be interactive. All registered participants under the age of 18 must be accompanied by a registered adult.

Age: 6 and older

Fee: \$4 per person

Date	Time	Code
Sunday, May 5	1:30 - 2:30 p.m.	37039
Sunday, June 2	1:30 - 2:30 p.m.	37040
Sunday, July 7	1:30 - 2:30 p.m.	30879
Sunday, August 4	1:30 - 2:30 p.m.	30880
Sunday, September 8	1:30 - 2:30 p.m.	30881



ASTRONOMY SERIES

Group bookings are available for:

- Girl Guides of Canada
- Scouts Canada
- School Groups
- Special Interest Groups

For more information or to request a booking, visit RichmondHill.ca/DDO