2026
-
2027

SECONDARY GRADE

Take learning beyond the classroom, and into the cosmos!

Looking for an engaging way to get your students excited about science? Our in-person school field trips connect hands-on experiences with the BC Curriculum, helping students explore space science through observation, questioning and discovery.

H.R. MACMILLAN SPACE CENTRE

GRADE 8-12
THE CORE
BUNDLE

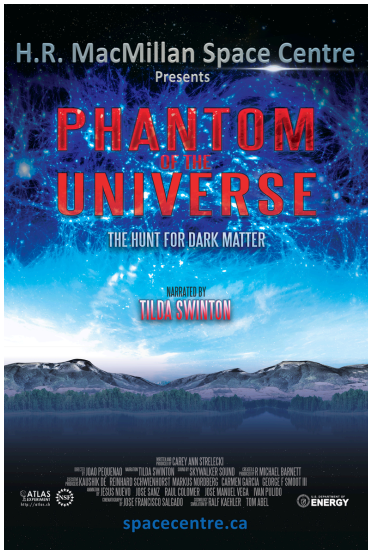
PLANETARIUM SHOW

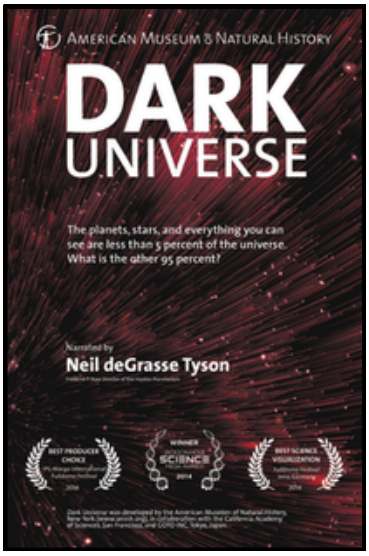
Phantom of the Universe (or) *Messengers of Time & Space* (or) *Neil deGrasse Tyson: Dark Universe*

Phantom of the Universe is an exciting exploration of dark matter, from the Big Bang to its anticipated discovery at the Large Hadron Collider. The film will reveal the first hints of its existence, describing the astral choreography in the Andromeda galaxy, all while learning how scientists around the world are collaborating to track down the constituents of dark matter.

This immersive experience invites audiences to explore the dynamic cosmos and witness the transformative impact of real-time data on our understanding of the Universe.

The award-winning space show Dark Universe celebrates the pivotal discoveries that have led to greater knowledge of the universe and our place in it. Narrated by Neil deGrasse Tyson, highlights of Dark Universe include the Milky Way galaxy spangled with exploding supernovas, novel renderings of phenomena like dark matter, and spectacular scenes of spacecraft such as the Galileo probe's breathtaking plunge into Jupiter's atmosphere.





LIVE DEMO STAGE

Cosmic Glue

Hold onto your seats! We will be discussing Newton's and Einstein's perspectives on gravity and how astronomers use gravity to study the universe.

GALLERY EXHIBITS

Students can explore our interactive, space-themed exhibits, with activities including:

- Discovering what we're made of with Star Stuff
- Morphing into an alien
- Touching a Moon rock
- Trying to lift a meteorite
- Exploring hands-on space science exhibits

** Minimum group size: 15 students*

PLAN YOUR VISIT

For inquiries and registrations: bookings@spacecentre.ca | 604-738-7853

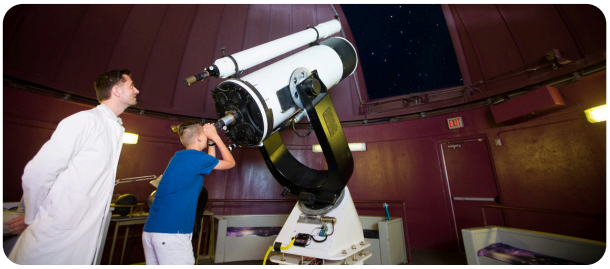
H.R. MACMILLAN SPACE CENTRE

GO DEEPER WITH ADD-ONS

Ask about our pilot workshop Constellation Storytelling or our Not Quite Overnight telescope evening programs for secondary students.

Overnights & Not-quite an Overnight

Give your group the experience of a lifetime with our specialized evening programs at the Space Centre. Choose our immersive Overnight Adventure for a full sleepover (or not), featuring a live science demonstration, a planetarium show, rocket building and launching, and a light breakfast, all nestled under the stars.

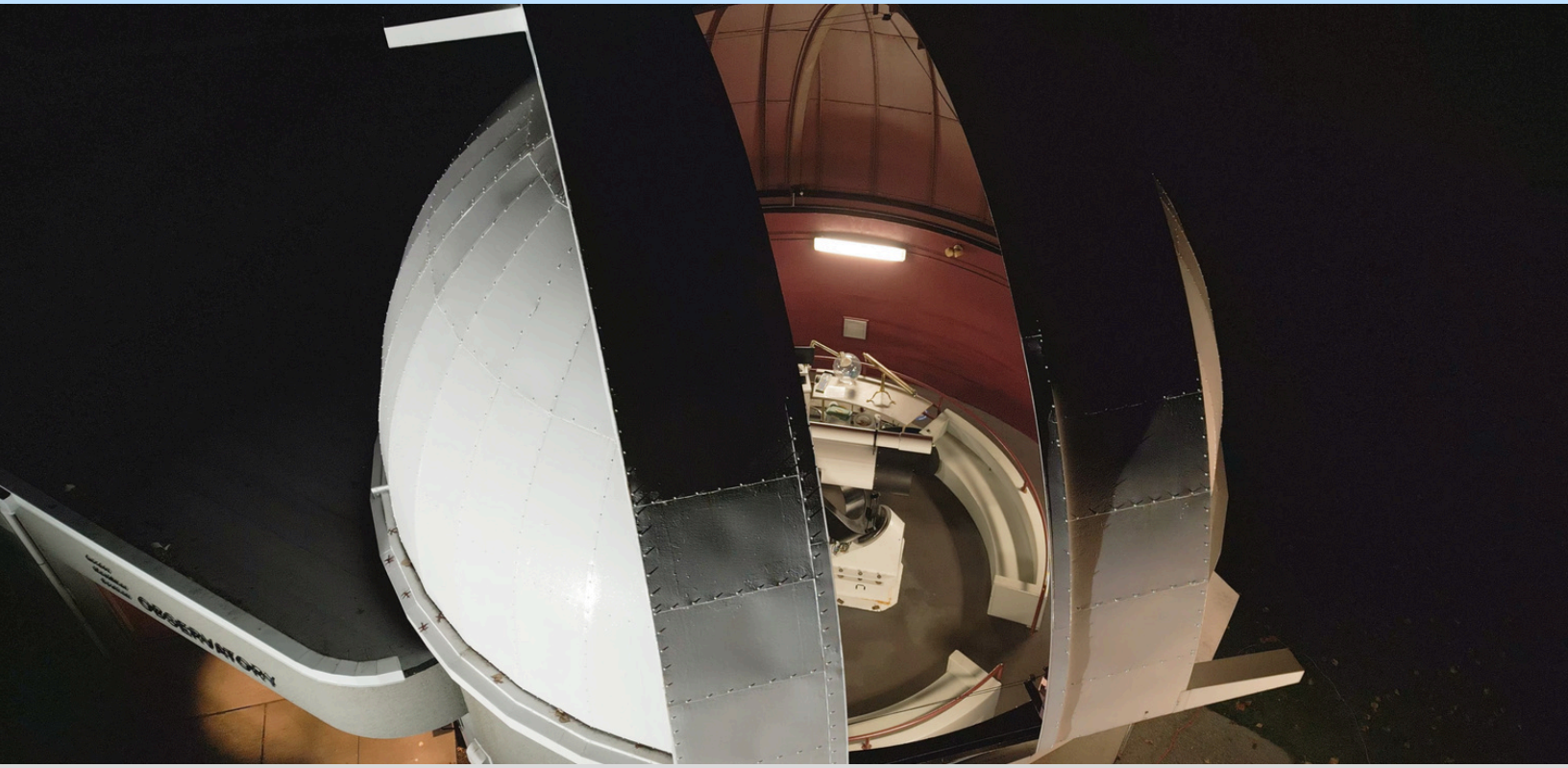


Observatory visit

Located next to the Space Centre, the observatory features a ½-meter Cassegrain telescope. Knowledgeable staff guide your exploration of the night sky, including planets, moons, and star clusters.

DON'T SEE YOUR GRADE OR THE PROGRAM YOU'RE LOOKING FOR?

We can work with you to create a customized visit that meets your students' unique learning needs. Contact us at bookings@spacecentre.ca



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H.R. MACMILLAN SPACE CENTRE

See the Universe in Augmented Reality

**Premium add-on*

Enter an immersive Space lab where students can wear AR headsets to explore the solar system through interactive augmented reality experiences. This isn't screen time. AR layers interactive 3D space models into the real environment and students can move through learning, see concepts from every angle and stay fully engaged!

Ask us for more information!

We come to you!

Immerse your students in the universe with our portable planetarium. Bring the curriculum to life with workshops, demos, and planetarium shows aligned with BC's science standards.

Get in touch to learn more!

Our promise

An inclusive learning environment

We are committed to creating an environment where students can embrace our shared humanity and explore the wonders of space science together.

Curriculum-connected programming

School programs are linked to the BC Curriculum and designed to complement classroom learning.

Designed for educators

Programs provide opportunities for students to learn through observation, discussion, demonstration and hands-on exploration.

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