

HIGHLAND ROAD PARK OBSERVATORY
2022 International Astronomy Day
“Continuing the Astronomical Journey”

If you want to insure that International Astronomy Day is not your only celestial experience of the year, keep the following other opportunities in mind. (No admission fee unless noted.)

Friday Night Lecture Series = 7:30pm - 8:30pm on 13, 20, 27 May / ages 14+

Perennially favorite speakers and topics are interspersed through the calendar year with surprising new guests and new concepts. No expertise in the physical sciences is required.

Science Academy = 10am - 12pm on 14, 21 May / ages 8 to 12 / \$5 to \$6 per child

“Cadets” experience the wonderful world of astronomy! They have an exciting chance to explore gravity, simple machines, stars, spacecraft, meteors, the Earth and Moon, asteroids and comets, electromagnetism and the American space program.

Total Lunar Eclipse = Sunday 15 May, 7:30pm to 1:30am

Overnight excitement as we witness one of nature’s most spectacular events! While in Libra, the Moon will enter the Earth’s shadow, turning darker and darker—and then??? The actual color can range from dark brown to red to bright orange to yellow, depending on the current state of the atmosphere.

STEM Expansion: “Aerospace Engineering” = Saturday 28 May, 3:30pm - 7:30pm
ages 12 to 16 / \$15 to \$18 per registrant

This adolescent program increases the knowledge base of those young people interested in further astronomy-grounded STEM challenges. Electronics, chemistry, kits, advanced games.

Forces of Nature Explorers = 20 June to 24 June, 8am - 5pm / ages 11-13 / \$125 to \$150 per kid

This one-week-only session focuses on the four forces of nature: the weak nuclear force, the strong nuclear force, gravity and the electromagnetic spectrum (gamma rays, x-rays, ultraviolet, color, infrared, microwaves and radio). Campers will investigate the spacecraft and instruments studying these forces, perform indoor and outdoor experiments demonstrating the presence of these forces in our lives and build basic devices connected to these inquiry!

American Radio Relay League Field Day = Saturday 25 June, 2pm to 10pm

The Baton Rouge Amateur Radio Club will take part in an exciting nationwide emergency exercise. Stations will be set up as BRARC joins similar clubs across the continent! Learn your name in Morse Code, get on the public station and contact a distant location, get instructions to obtain your own license!

Lunar Explorers = 11 July to 15 July, 8am - 5pm / ages 11-13 / \$125 to \$150 per kid

This one-week-only session focuses on the accomplishments! There will be simulated moondust, overviews of transcripts and audio from actual Moon landings, and previews of actual human beings headed back to the Moon, then on the Mars....