

AstroNite: Activity Schedule

Presented by
The University of Michigan-Flint and Longway Planetarium

Location:	Longway Planetarium			In Between	U of M-Flint Murchie Science Building					
	Lobby	Theater	Lawn		1st Floor West Lobby	1st Floor East Lobby	116	119	163	169
7:00 - 7:15	Make Your Own Constellations & Coloring Table			Solar System Self-Guided Tour (a mini-tour is also located in Murchie Science Building hall)	CSI: Comet Science Investigation	Rockets	Rainbow Connections	Craters	The "Light" Room	
7:15 - 7:30		7:15 - The Super Sky Show								
7:30 - 7:45										
7:45 - 8:00										7:45 - Egg Drop
8:00 - 8:15										
8:15 - 8:30		8:15 - The Super Sky Show								
8:30 - 8:45										8:30 - Egg Drop
8:45 - 9:00										
9:00 - 9:15										
9:15 - 9:30										9:15 - Egg Drop
9:30 - 9:45										
9:45 - 10:00			Telescopes							
Complimentary Shuttle Schedule:										
Shuttles from U of M-Flint to Longway Planetarium will run at 7:30, 8:00, 8:30, 9:00, 9:30, and 10:00										
Shuttles from Longway Planetarium to U of M-Flint will run at 7:15, 7:45, 8:15, 8:45, 9:15, and 9:45										

Coloring Table → Color astronomy pictures courtesy of NASA's *The Space Place*. (All ages)

Craters → What happens when asteroids and comets hit planets and moons? Come find out by making your own impact craters! (Recommended for ages 6 and older.) **NOTE:** This activity includes wheat flour which may become air-borne, anyone with a severe sensitivity to wheat flour should be cautioned.

CSI: Comet Science Investigation → Make a comet using (mostly) household ingredients. Then dissect one to explore its inner structure! (All ages)

Egg Drop → You become the rocket scientist as you design and build a landing vehicle to land your "astronaut" (an egg) on the surface of another planet! Then test your vehicle by actually dropping it from a balcony in the UCEN building! (Recommended for ages 8 and older.) **NOTE:** This activity is time and space constrained, you should arrive early and sign-up on the door.

The "Light" Room → Investigate light our eyes can't see: ultraviolet and infrared! Take home your own simple ultraviolet light detector. Check out what the world looks like in infrared light through a special camera (thanks to Goyette Mechanical)! (All ages.)

Make Your Own Constellation → Constellations are just pictures made up from patterns of stars, there is no right or wrong way to draw these pictures! Design your own constellation! (All ages.)

Rainbow Connections → Discover how astronomers use rainbows to unravel the secrets of the Universe! (All ages.)

Rockets → Make and fly your own air-powered rocket out of straws! (Recommended for ages 4 and older.)

Solar System Tour → Take a self-guided walking tour of a scale model of the Solar System between Longway Planetarium and the University of Michigan-Flint Murchie Science Building! (All ages.)

The Super Sky Show → A tour of the nighttime sky with host Seymour Sky and guests including the Sun, Earth, Queen Cassiopeia, and a MYSTERY guest! (Recommended for ages 4 and older.)

Telescopes → After sunset and weather permitting, telescopes will be set up outside the Longway Planetarium dome for opportunities to view the Moon and other objects. Feel free to bring your own telescope and join the fun! (All ages.)