

AstroNite Activity Schedule

Presented by the Univ. of Michigan-Flint and Longway Planetarium

★ Open-house activities (running 7-10pm continuously):

- ❖ **Constellation Projectors** (157 Murchie) – Make a projector to project your favorite constellation on a wall or ceiling. (Recommended ages 4 and older.)
- ❖ **Craters** (119 Murchie) – Make your own impact craters! (Recommended ages 6 and older.) *NOTE: Anyone with a severe sensitivity to wheat flour should avoid this activity.*
- ❖ **CSI: Comet Science Investigation** (1st Floor Murchie West Lobby) – Make a comet using (mostly) household ingredients. (All ages)
- ❖ **The “Light” Room** (169 Murchie) – Investigate light our eyes can’t see: ultraviolet and infrared! (All ages.)
- ❖ **Make-your-own Constellation** (157 Murchie) – 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.)
- ❖ **Mars Rovers** (110 Murchie) – Be a NASA engineer, drive your own Mars rover! (All ages.)
- ❖ **Mayan Astronomy** (116 Murchie) – The world will not end in December 2012. (All ages.)
- ❖ **Rainbow Connections** (109 Murchie) – Discover how astronomers use rainbows to unravel the secrets of the Universe! (All ages.)
- ❖ **Rockets** (1st Floor Murchie East Lobby) – Make and fly your own air-powered rocket out of straws! (Recommended for ages 4 and older.)
- ❖ **Solar System Tour** (1st Floor Murchie Hallways)– Take a self-guided walking tour of a scale model of the Solar System down the hall of Murchie Science Building. (All ages.)
- ❖ **Telescopes** (4th floor of the Mill St. Parking Ramp) – Weather permitting, telescopes will be set up on the top floor of the Mill St. parking ramp for opportunities to view the Moon and other objects. Feel free to bring your own telescope and join the fun! (All ages.)

⚙ Scheduled activities (limited space and times):

6:30pm: The Halloween Show (Longway Planetarium) – Join student witch Holly Ween, and Jack o’Lantern, the pumpkin comedian, as they explore Halloween history and traditions, the constellations of autumn and winter and what causes the phases of the Moon. (Recommended for ages 4 and older.)

7:45pm & 8:45pm: Mars Lander (163 Murchie) – You become the rocket scientist as your team designs, builds, and tests a landing vehicle to land your “astronaut” (an egg) on the surface of another planet! (Recommended ages 8 and older.) *NOTE: tickets are required, and available free (first-come, first-served) at the Information Table (Murchie East Lobby: i).*

7:30pm through 9:30pm (on the hour and half-hour): Night Sky Show (Happenings Room in the University Center Building) – find out what’s up in the sky with a current sky show in the Longway Portable Planetarium! (Recommended ages 4 and older.) *NOTE: tickets are required, and available free (first-come, first-served) at the Information Table (Murchie East Lobby: i).*

