



**International Observe the Moon Night
Telescope Contest Entry Form**
Observatory at TELUS World of Science
11211 - 142 St., Edmonton AB



Saturday, October 8, 2011
7:00 - 10:00 PM

Young astronomers (10-17 years) are invited to observe 5 objects in the night sky, listed below, while visiting the Observatory on October 8 and by doing so enter a draw for a telescope, donated by the RASC. In the event of inclement weather, the backup date is November 5 (same time and place). The draw will be made at the [October 17 RASC Meeting](#) (TELUS World of Science 11211 - 142 St., Edmonton AB)

Assistance and telescopes will be available. A sky chart with all objects labeled will also be available.

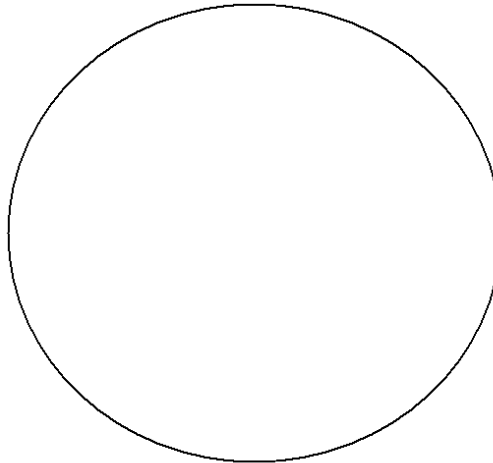
Name: _____ Age: _____

Telephone: _____ Email: _____

Complete the following 5 observations.

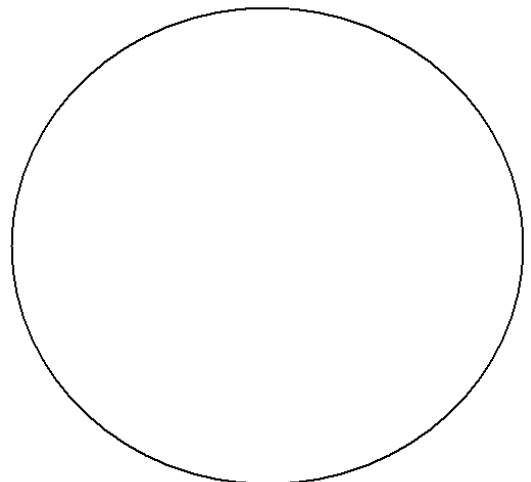
1. Find the constellations of Cassiopeia & Ursa Major (which includes the Big Dipper).
Point them out to an Observatory volunteer.

2. Observe the Moon with a telescope.
Make a drawing of what you see.



Telescope Field
(draw Moon inside)

3. Use a telescope to manually find and observe
the planet Jupiter. Make a drawing of what you see.



Telescope Field
(draw Jupiter and any moons you see inside the circle)

Continue on reverse.

4. Use a telescope to manually find and observe one or more of the following double stars. Describe what you see.

- Mizar (zeta Ursa Majoris)
- Albireo (beta Cygni)
- Double Double (epsilon Lyrae)
- Ras Algethi (alpha Herculis)
- gamma Delphini
- Almach (gamma Andromedae)

5. Use a telescope to manually find and observe one or more of the following deep sky objects. Describe what you see.

- M11 (Wild Duck Cluster in Scutum)
- M13 (Great Globular Cluster in Hercules)
- M15 (Globular Cluster in Pegasus)
- M27 (Dumbbell Nebula in Vulpecula)
- M31 (Andromeda Galaxy)
- M57 (Ring Nebula in Lyra)
- M92 (the other Globular Cluster in Hercules)

6. Lt Cmdr Charles (Pete) Conrad became the third man to walk on the Moon in November 1969. Which statement below was spoken by Conrad as he stepped onto the Moon? (Circle your answer)

1. I'd like to dedicate the first step ... to all those who made it possible.
2. Good luck, Mr. Gorsky.
3. It's been a long way, but we're here.
4. Whoopie! Man, that may have been a small one for Neil, but that's a long one for me.
5. This doesn't look like a very good place to pull liberty but I'm proud to be here.
6. As I stand out here in the wonders of the unknown ... I sort of realize there's a fundamental truth to our nature, Man must explore . . . and this is exploration at its greatest.