

BEYOND POLARIS CERTIFICATE CHECKLIST

Send the completed checklist to the Coordinator:

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Your Name: _____

Your Astronomy Club: _____

Your Address: _____

Your Email Address: _____

Your Phone Number: _____

Send Certificate to: _____ You

_____ Your Awards Coordinator

Coordinator's Name: _____

Coordinator's Address: _____

REQUIREMENTS: (Check box on left and enter date and time when completed.)

A. Basic Background Information

[] 1. Keep a log including notes of each requirement (observations and new knowledge).

Date **Time**

[] 2. Understand Star Party Etiquette & create your own Sky Kit (things to take to a star party).

[] 3. Tell 2 mythical constellation stories.

C. The Moon

Date

Time

- [] 1. Sketch the seven phases of the moon.
- [] 2. Identify three Moon Maria (seas).
- [] 3. Sketch the Man, the Rabbit, and the Woman in the Moon.
- [] 4. Explain Lunar and Solar Eclipses and draw a diagram.
- [] 5. What is definition of the Terminator (on the Moon)?

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

D. Meteor Showers, Shooting Stars, Falling Stars, Zingers

Date

Time

- [] 1. Understand the definitions and the difference between Meteoroids, Meteors, and Meteorites.
- [] 2. Identify 3 major Meteor Showers and the dates when they occur.

_____	_____
_____	_____

E. Protecting our Dark Skies

Date

Time

- [] 1. Evaluate your personal property related to reducing Light Pollution.
- [] 2. Learn about Watts, Lumens and Kelvin (color) of light bulbs.
- [] 3. Educate others on the importance of proper and appropriate outdoor lighting. Include the value of Dark Skies and proper lighting to cost savings, wildlife, human health and enjoyment of the sky.

_____	_____
_____	_____
_____	_____

F. Future Planning

Date

Time

- [] 1. Document in your log information about the next star party which you plan to attend.
- [] 2. Review the Astronomical League Observing Programs.

_____	_____
_____	_____