

SKY WATCHER & SKY WATCHER BASIC FORM (Completion of the mandatory items in bold qualifies for the Sky Watcher Basic and 150 points qualifies for the full award)

Sky Watcher (Bold items are required and except for the lunar phase the observing can be done in one or two nights - 110)

- 1. Attend a New Member Orientation (10)**
- 2. Identify and start following one or more source of current sky and astronomy news (the Reflector, Sky and Telescope, Astronomy, a webpage such as Earth and Sky, CAAS Facebook public page etc.) (10 each after 3 months)**
- 3. Find and learn to use a planisphere or planetarium program. (10)**
- 4. Assemble an observing kit (Red or amber flashlight, some means of recording observations, some form of chart, bug spray, extra clothing.) (10)**
- 5. Find Polaris and from that identify the circumpolar asterisms (Big Dipper, Little Dipper, and Cassiopeia – requires a moderately dark sky.) (10)**
- 6. Identify each of the current season’s primary evening constellations using the Summer Triangle, Winter Hexagon, Spring Diamond, or Fall Square – requires a moderately dark sky. (10 for each season)**
- 7. Find two planets in the sky and confirm by observing with binoculars. (10)**
- 8. Identify the ecliptic by noting the positions of the sun, moon and planets. (10)**
- 9. Note the change in the position of objects after at least one hour’s time (10)**
- 10. Track the lunar phase from new to full - noting the rise time and relation to sunset. (10)**
- 11. Identify ten 1st magnitude stars. (10)**
12. Observe a lunar eclipse (10)
13. Observe a solar eclipse, partial, annular or total. (10)
14. View the sun through a solar scope note sun spots and other visible features. (10)
15. Attend a star party presentation (10 each)
16. Attend a regular club meeting. (10 each)
17. Volunteer to help table a star party or other event. (10)
18. Make a presentation at a club meeting. (20 each)

Item #	points	Date(s)	comment
1			
2			
3			
4			
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6			
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9			
10			

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11			
12			
13			
14			
15			
16			
17			
18			
Total			

For items already completed before starting this project simply enter a check mark in date column. Enter date if done after starting the project.

Name

Date

Submit to Observer@caasastro.org.