

| Object | Object type | RA | Dec | Constellation | Magnitude/s | Criteria for successful observation - successfully observe any 10 objects to qualify for the Level 3 certificate and pin. |
|--|--|-------------|---------------------|---------------|------------------------------|---|
| Arp 32, VV89 A and B - the Propeller Galaxy | Interacting galaxies | 17h 13m 07s | +59 degrees 19m 23s | Draco | 14.4 and 16.2 | See both galaxies. |
| Andromeda's Parachute, J014709+463037 | Quadruply gravitationally lensed quasar | 01h 47m 09s | +46 degrees 30m 37s | Andromeda | 14.4 all components combined | See the brightest three components blurred together in a shallow arc, and if the seeing is steady enough, see the two brightest images. |
| KTG-71 | Galaxy trio | 20h 43m 54s | +12 degrees 30m 42s | Delphinus | 12.3, 13.8 and 13.9 | See all three galaxies and the spiral shape of NGC 6956. |
| IC 1365 | Compact galaxy group | 21h 13m 55s | +02 degrees 33m 53s | Equuleus | 14.6 | See the three brightest galaxies in this group. |
| IC 1015 | Triple galaxy merger | 14h 28m 19s | +15 degrees 25m 05s | Bootes | 15.2 | See the elongated shape of the three merging galaxies. |
| Arp 118 - NGC 1143 and NGC 1144 | Merging galaxies | 02h 55m 12s | -00 degrees 10m 59s | Cetus | 14.1 and 13.8 | See the two NGC galaxies and the bridge of material connecting them, along with MAC 0255-0009. |
| IC 5076, Barnard 351 and NGC 6991 | Reflection and dark nebula, open cluster | 20h 55m 38s | +47 degrees 24m 17s | Cygnus | n/a | See the bright star, reflection nebula, dark nebula and the open cluster. |
| Umi dwarf galaxy and IC 1110 | Dwarf galaxy and edge on galaxy | 15h 12m 05s | +67 degrees 21m 45s | Ursa Minor | 11.9 and 15.0 | See both UGC 9749 and IC 1110 – feel free to use different scopes for each object. |
| UGC 12281 | Super-thin edge on galaxy | 22h 59m 13s | +13 degrees 26m 23s | Pegasus | 14.8 | See the entire 3.4' apparent length of the magnitude 14.8 galaxy. |
| NGC 7026 - the Cheeseburger Nebula | Planetary nebula | 21h 06m 18s | +47 degrees 51m 08s | Cygnus | 11 | See the dark lane that visually separates the two lobes. |
| Arp 81 - NGC 6621 | Merging galaxies | 18h 12m 55s | +68 degrees 21m 48s | Draco | 13.6 | See both of the interacting galaxies and the highly curved tidal tail. |
| NGC 7732, Zwicky's Pierced Galaxy & NGC 7731 | Gravitationally bound galaxy pair | 23h 41m 34s | +03 degrees 43m 30s | Pisces | 13.5 and 14.3 | See both galaxies. |
| The Necklace Nebula, PN G054.2_03.4 | Planetary nebula | 19h 44m 00s | +17 degrees 15m 00s | Sagitta | n/a | See the planetary nebula and its necklace of stars. |
| WR 124 and Merrill's Star Nebula, Sh 2-80 | Wolf-Rayet star and nebula | 19h 11m 30s | +16 degrees 51m 38s | Sagitta | 11.5 | See the star and nebula. |