

BYA Class 1

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- Introduction
 - Welcome
 - Adding Course
 - Beauty of Sky
 - Light Pollution
- Overview of Sky
 - What are you seeing when you look up?
 - Variety of phenomena: sun, moon, stars, planets, meteor showers, eclipses, comets, aurora, ---
 - Faint/Bright = Near/Far?; Star Colors (cool/hot)
 - Where do you look to find things?
 - Constellations, moon, planets
 - Motion of objects
 - Phases of Moon
 - 24 hour cycle; yearly cycle
 - Astronomy vs Astrology - "Who can explain the difference?"
 - Syllabus, BYA Web Site; Grading
 - Useful books and magazines: (Sky & Telescope Magazine, Astronomy Magazine)
- Project resources and ideas
 - cameras, telescopes, tripods, internet, binocular mounts
 - Astrophotography
 - Constellations: with Cameras (film, digital)
 - Moon: with Telescopes (digital, film)
 - Observing
 - Internet
 - Planetarium Programs
 - Light Pollution
 - Special
- Introductions and Interests (of Students)