



St. Louis Astronomical Society

Library Telescope – Patron Training Points to Cover

1. Introduction (5 minutes)
 - a. Welcome them to program
 - b. Introduce yourself/other volunteers
 - c. Introduce organization you represent (SLAS/ASEM)
 - d. Brief background on the Library Telescope Program
2. Overview of Today's Agenda (5 minutes)
 - a. Primary Goal: Get you comfortable with the library telescope; not to make you experts
 - b. Today's agenda includes:
 - i. Part 1: Telescope Training
 1. How to pick up/transport telescope
 2. Basics on telescope and anatomy
 3. As time permits, hands on use (or, at least pickup telescope)
 - ii. Part 2: Star Party Outside (weather permitting)
 - c. Reference handouts:
 - i. "Quickstart Guide" handout - good reference
 - ii. SkyMaps.com Handout
 - iii. Participating libraries
 - iv. Club Membership Brochure
3. PART 1: Telescope Training (35 minutes)
 - a. QUICKSTART GUIDE: Loaner Scope's 250 Eyes
 - i. This telescope is powerful – not a toy
 - ii. 4.5 " reflector
 - iii. 250 human eyes - craters on our Moon, Jupiter and its Moons, Saturn
 - iv. Large field of view; Magnification range from 20 to 60 power
 - v. How telescope works (how light enters; where to look)
 - b. QUICKSTART GUIDE: Meet the Loaner Scope
 - i. How to pick-up (hold by base – not by eyepiece/finder)
 - ii. How to transport (seat belt like person)
 - iii. Tabletop telescope – place on table or chair (chair is good height for children)
 - iv. Anatomy (cover items in diagram of handout) + Camera Bag
 - v. How to Focus
 - vi. How to Zoom
 - vii. How to use Finder (turn on; center red dot on object)
 - viii. How to place the sky object in the eyepiece (**CAUTION: Never look at the Sun**)
 - c. Packing the Loaner Scope (dust cover; eyepiece cover; red dot finder; adjust tube)
 - d. Warnings: Do not look at sun; never clean optics
4. PART 2: Star Party Outside (45 minutes)

NOTE: If not possible, extend the inside program with tips on night sky navigation