



# Astro-Alliance(StarLab)



## OPTICAL TELESCOPE

**Link to Current proposal-**

**[https://docs.google.com/document/d/1Lev1pq0Nm6oZZFWGGzJkgHGCB71\\_RYd4G\\_IcJpgfileA/edit?usp=sharing](https://docs.google.com/document/d/1Lev1pq0Nm6oZZFWGGzJkgHGCB71_RYd4G_IcJpgfileA/edit?usp=sharing)**

**Resources to refer-**

1. <https://www.saxon.com.au/different-types-of-telescopes>
2. [https://skyandtelescope.org/astronomy-equipment/how-to-choose-a-telescope/#google\\_vignette](https://skyandtelescope.org/astronomy-equipment/how-to-choose-a-telescope/#google_vignette)
3. <https://www.astronomywa.net.au/different-types-of-telescope-mounts.html>
4. <https://www.skyatnightmagazine.com/advice/a-basic-guide-to-telescope-mounts>
5. <https://bbastrodesigns.com/tm.html>
6. <https://stellafane.org/stellafane-mai-ekn/tm/atm/>
7. <https://www.cloudynights.com/topic/404751-post-your-home-made-scope/>
8. <https://www.skyatnightmagazine.com/advice/make-a-small-refractor-telescope>
9. [https://www.youtube.com/watch?v=f27s0\\_S6E0E](https://www.youtube.com/watch?v=f27s0_S6E0E)
10. <https://www.stormthecastle.com/telescopes/eight-inch-telescope-parts-list.htm>
11. <https://www.tejraj.com/>
12. <https://www.youtube.com/watch?v=RIIDBJxTsVw>
13. <https://www.cloudynights.com/topic/319684-f4-vs-f5-vs-f6-vs-f8-vs-f10/>

**Note- Our goal is to make a f/6, 6", or 8" reflector telescope .**

**Your task is to read up on Newtonian and Cassegrain telescopes and suggest the better choice. The resources given do not include the theory or the differences, that is for you to explore. Although, you may use the resources for the making of the telescope,.**

**Deadline: June 7th, 2024**