

Write up on the following.

1. *Observatories around the world*
2. *What is a telescope?*
  - *Write on table top construction for students.*
  - *Compare observatory mirror and telescope optics with table top version*
  - *Differences between Reflecting and refracting telescopes.*
3. *Spectroscopy: electromagnetic spectrum*
4. *Major astronomical events recorded in India and world*
5. *India's space programs*
6. *How gps works, how cell phone uses satellite technology*
7. *Technologies beyond, TV, cable, cell phone and GPS which are dependent on space science. Explain the technology*