

Final: Oral Presentation (15 min using powerpoint) & Written Report (5-10 A4 pages)

6 people/group & we need a group leader for each group

SUGGESTED TOPICS:

- Astronomy photography (with the help of TAs): 簡佑任
- Crater count: 羅正銓
- Find extrasolar planets via www.oklo.org
- Make a simple Spectrograph using a CD/DVD: 徐儷心
- Mass extinctions due to astronomical events such as meteorite impact and supernova explosion; and how to prevent us from those catastrophic events (such as the Don Quixote Project): 張芝寧?
- Recent News on ET & Allen Telescope Array: 周億純
- Tour Taipei Astronomy Museum: 吳侑潔
- Astronomy dating with a star-chart software
- Distances of planets and dwarf planets + triangulation: 曲潔茹
- Tour brightest stars on HR diagram
- introduce Messier Objects (explain with multi-wavelength images)
- How small can a dwarf planet be (look up some images on the web): 許琬雯
- Make a simple photometer to estimate solar luminosity
- Demonstrate gravitational lensing using a home-made lens
- Comets: 林佩君
- Astronomy & daily life... 張予杰

