

Astronomy Lesson I

Topic : Sun and Sundial

Time : 2 hours

Lesson Objectives :

- To recognize the attributes of the Sun
- To construct and use a sundial

Methodology :

- Lecture
- Multi media
- Group work
- Hands-on
- Outdoor activity (weather permitting)

Equipment :

- Lap top, projector and screen
- Sundial kit
- Scissors and double sided tape
- Telescope
- Astronomy Multi media slides and DVD

Part I (45 mins)

Lecture on the Sun covering :

- Movement, temperature, size, distance from earth.
- Solar Eclipse
- DVD on the Sun
- Briefing on Sundial, shadows and telling time.

Part II (75 mins)

Construction of Sundial :

- Breakup into groups/class
- Construct sundial
- Use sundial to tell time under the Sun (weather permitting)