Technology Through Time Bulletin Board Activity

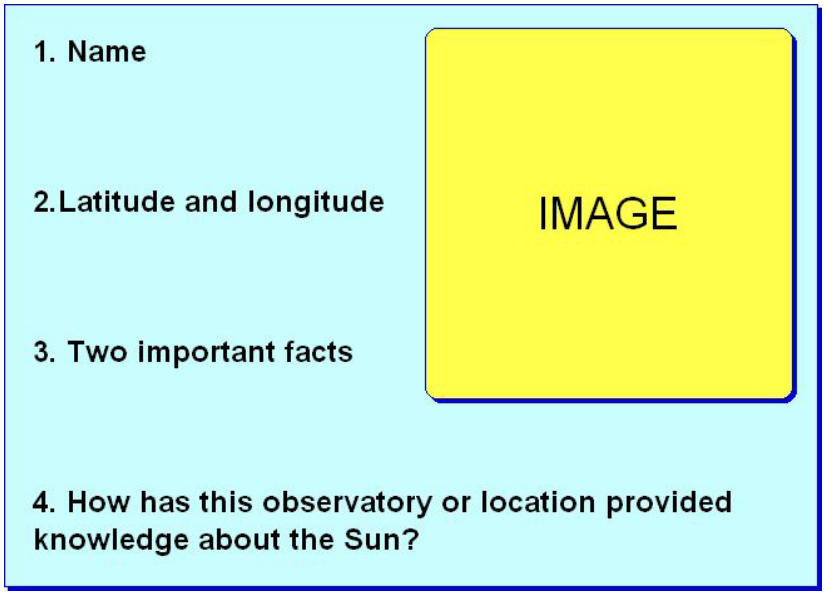
This year's Sun-Earth Day theme is your ticket to a fascinating journey through time as we explore centuries of sun watching by a great variety of cultures! This bulletin board activity is designed to focus student attention on the role that sun watching has played in humankind's survival through time. By Sun-Earth Day (March 21, 2005) you will have had the opportunity to collect and place up to 21 'Technology Through Time' fact sheets on your bulletin board display!

Materials:

Access to Sun-Earth Day website
World Map
Index cards (5x8)
Yarn

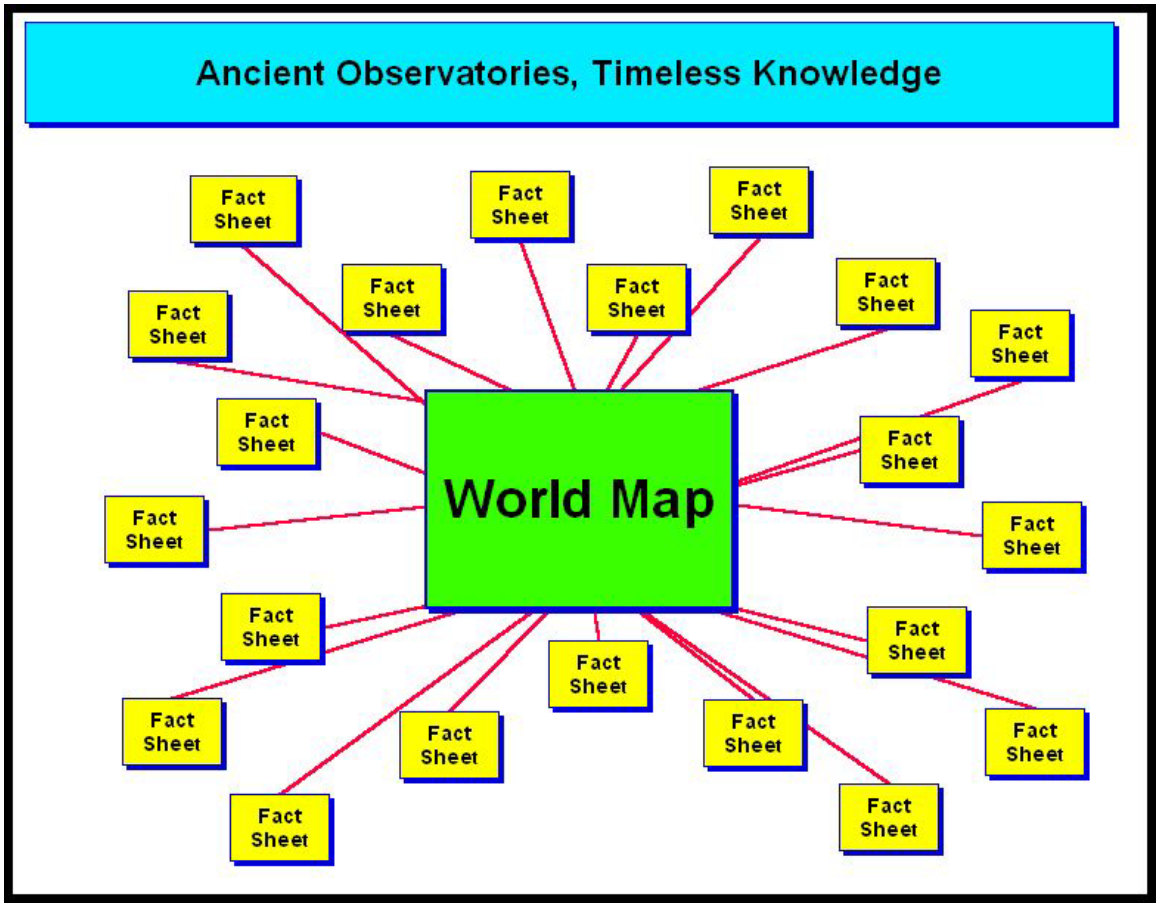
Creating Your "Technology Through Time" Fact Sheets

- Choose an observatory or location that you would like to feature from the "Technology Through Time" section of the Sun-Earth Day website.
- Download a picture of your observatory or location. (Students can create their own drawings)
- Label a 5 by 8 note card with the following about each observatory or location:
    i. Name
    ii. Latitude and longitude
    iii. 2 important facts
    iv. How has this observatory or location provided knowledge about the Sun? (see sample below)
- Repeat this procedure with each new observatory or location as it becomes available on the Sun-Earth Day website.



Arranging Your Technology Through Time Bulletin Board

- Download and place the world map in center of bulletin board. This map will be in four downloadable sections that can be arranged as one large world map. As an alternative you might want to simply use your own world map.
- Arrange each fact sheet and image around the world map
- Using yarn, connect your 'Fact Sheets' to the correct latitudes and longitudes on the world map. (See sample layout below) Students may wish to create individual icons representing the observatories or locations that could then be placed on the world map.



Extensions:

- Investigate climatic or geographical changes over time at particular observatories or locations?
- Why do you think the original builders selected particular geographical sites for construction?