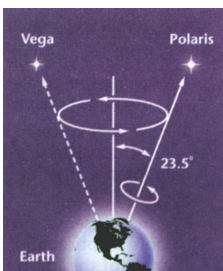
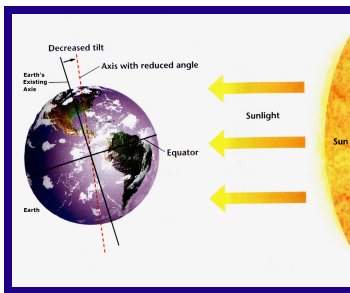
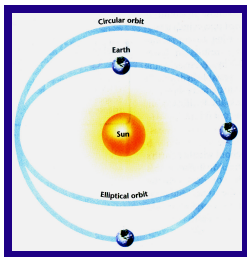


LETWAV (#4)

Comments/Questions



IV. Long Term Natural Climate Changes

A.Changes in climate trends, measured over tens to hundreds of thousands of years

a. _____ Ages

- Glaciers have alternatively advanced and retreated over the past _____ million years
- Ice Ages are periods of extensive glacial coverage
- Global temperatures drop 5 degrees Celsius on average
- Most recent Ice Age ended _____ years ago

b. Earth's Orbit

- Every 100,000 years, the shape of Earth's orbit changes, becoming more _____, then more circular
- When the orbit elongates, earth passes closer to the _____ and temperatures become warmer than normal
- When the orbit is more circular, temperatures dip _____ average

c. Earth's Axis

- The angle of tilt varies from 22.1° to 24.5° every 41,000 years
- Changes in angle cause seasons to become more severe
- A decreased _____ might cause winters to be warmer than normal and summers to be cooler than normal
- Changes in tilt may be _____ for Ice Ages

Summary