SUN

Solstice & Equinox **Summer Solstice** Sun Trajectories Jun. 21 at Latitude 65° Spring/Fall Equinox North Mar. 21/Sep. 21 Winter Solstice Sunset Dec. 21 M **Sunrise**

SUMMER in the northern hemisphere (Alaska faces the sun most of the time)

SPRING in the northern hemisphere (Alaska has equal amounts of day and night)

Earth makes a complete revolution in one year.

SUN

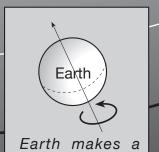
Diameter (at equator): ~900,000 miles

VENUS

MERCURY

WINTER in the northern hemisphere

(Alaska faces away from the sun most of the time)



FALL in the northern hemisphere

(Alaska has equal amounts of day and night)

ARTH

Third planet from the sun

Diameter (at equator): ~8,000 miles Rotation Period: 23.93 hours Revolution Period: 365.25 days Distance from the Sun: ~92,960,000 miles

complete rotation in one day.





Part of the series Math in a Cultural Context: Lessons Learned from Yup'ik Eskimo Elders © 2007 University of Alaska Fairbanks