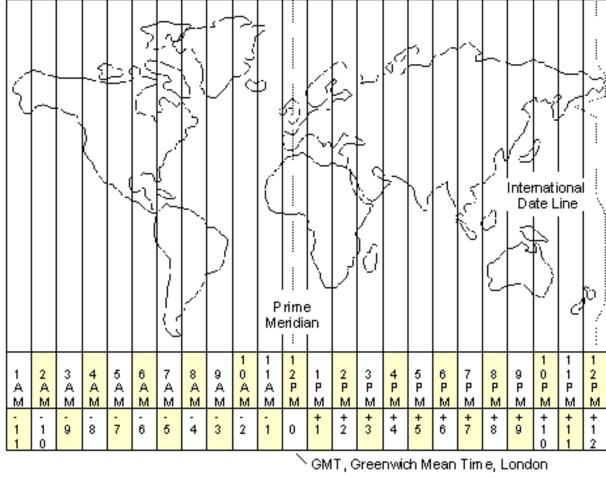
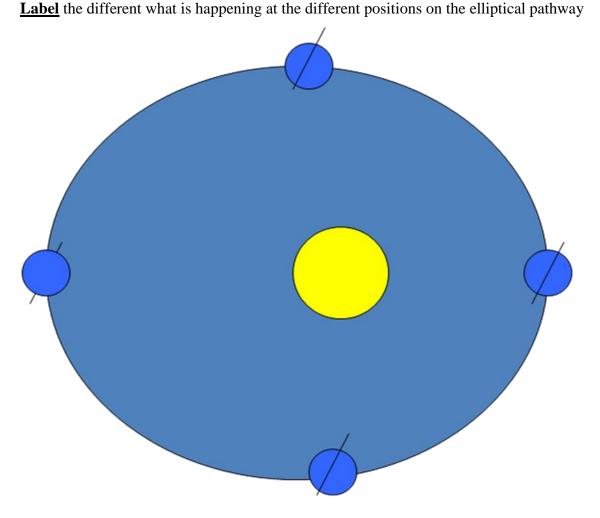
Name		Date	Period	P	age
	ne Zones a	nd Ellipse			
Research: Rotation of the Earth:					
Time Zones of the Earth: _					
Prime Meridian:					
12 time Zones to the West of 12 time Zones to the East of 12 time Zones to 12 time Zo					
12 time Zones to the East of	Tune I inne Mi				



International Dateline:					
Daylight Saving Time:					
Leap Year:					
Earth revolves around the Sun in an orbit shaped like an ellipse					
Brightness of Mars as seen from the Earth:					
Earth is closest to the Sun during in the northern hemisphere and furthest					
from the Sun during in the northern hemisphere.					
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					



Name	Date Period Page
	Time Zones and Ellipse Pathway
Co	onclusions:
1.	How do you explain that when the Earth is closest to the Sun, it is winter in the
	Northern Hemisphere?
2.	The planets (including Earth) do not move at constant speeds while moving in the
	elliptical orbits. A planet increases in speed as it gets closer to the Sun. What
	force causes this change in speed? -
3. `	Which part of the Earth's revolution takes longest, from vernal equinox to
aut	rumnal equinox or from autumnal to vernal?
4.	If you placed a phone call to Tokyo, Japan from Greenwich, England on Friday
	at 4:00 pm, what day is it in Japan?