

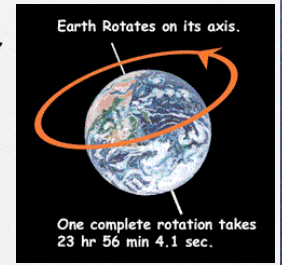
# The Earth

Planetary Motion & The Earth's Tilt

## Planetary Motion

### 1) Rotation:

- ✓ The spinning of an object about its own axis
- ✓ 1 rotation of the Earth takes 24 hours
- ✓ This motion causes most stars and planets to appear to rise in the East & set in the West
- ✓ Earth's axis is an imaginary straight line joining the North and South Poles



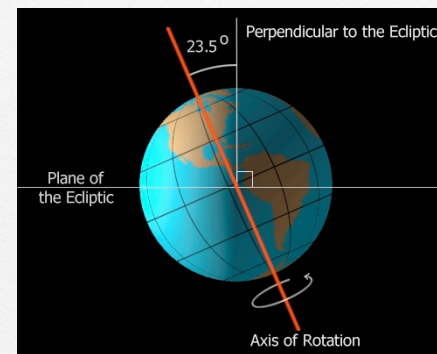
## Planetary Motion



### 2) Revolution:

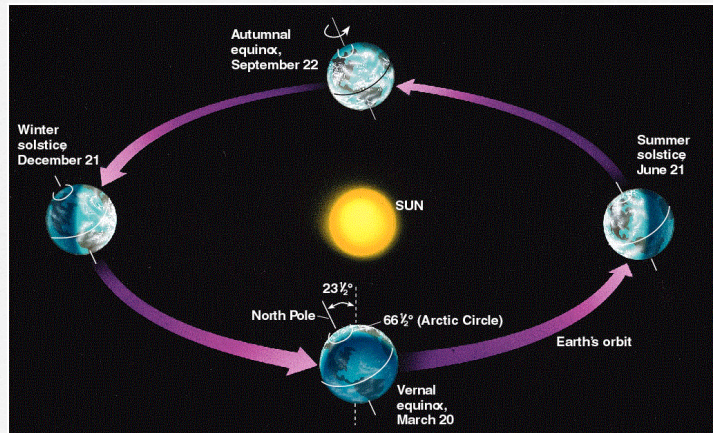
- ✓ The movement of one object travelling around another object
- ✓ It takes the Earth 1 year to revolve around the sun
- ✓ It takes the moon 30 days to revolve around the Earth
- ✓ Revolution allows us to experience Seasons & allows us to see different stars and constellations

## Earth's Tilt



Revolution, along with the Earth's tilt, causes us to experience different seasons...why?

# The Seasons



# Homework

- Read section 8.5 (p.320)
- Do questions 1-11