

Topic: Earth Motions

Aim: Earth Motion #2: REVOLUTION!

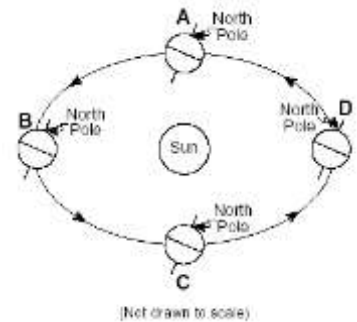
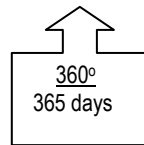
1. traveling around another object in an orbit (path)

example: the Earth revolves around the Sun

2. Earth takes $365 \frac{1}{4}$ days to complete one revolution (*ESRT* page 15)

$\frac{1}{4}$ days add up after 4 years – leap year

3. Earth travels counterclockwise around the Sun at a rate of approximately 1°/day



4. helps causes yearly / seasonal changes

5. Evidence – different constellation (star patterns) are observed at different times of the year because the Earth is in a different place in the Solar System

