

## Brainstorm

- With your partner come up with a list of changes that you observe for each of the four seasons.



## Movements of the Earth

The Earth moves in two different ways:

1. Rotation
2. Revolution


Earth's Equatorial Bulge

- Rotation of Earth creates an equatorial bulge



## Earth's Hemispheres

- Earth has four hemispheres: Northern, Southern, Western, and Eastern



## Earth's Rotation Time

- Earth completes one full rotation in 23 hours and 56 minutes
- Where do we get a 24 hour day from?

- It takes 24 hours for the Sun to return to the same spot in the sky (solar day)


## Today's Main Idea

- Earth rotation (spin) is a day and its
revolution (orbit) is a year.



## Sunrises and Sunsets

- Why does the sun rise in the east and set in the west?



## 2. Revolution

- Earth revolves around the Sun
- Period of revolution is 365.25 days



## Homework Question

2. Explore today's main idea with this question: Outside of the classroom, what are examples of rotation and revolution?

## Vocabulary for Next Time

- Seasons
- Equator

Helpful Textbook Pages:

- Ecliptic

27, 370, 759, Glossary

