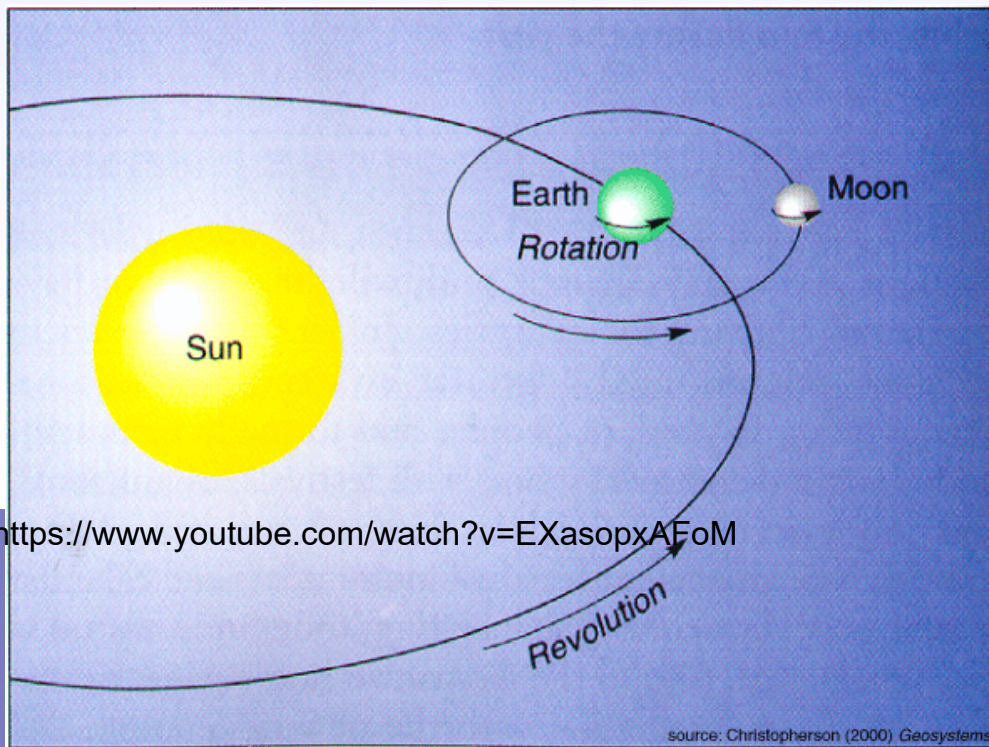


Revolution -The movement of  
an object around another.

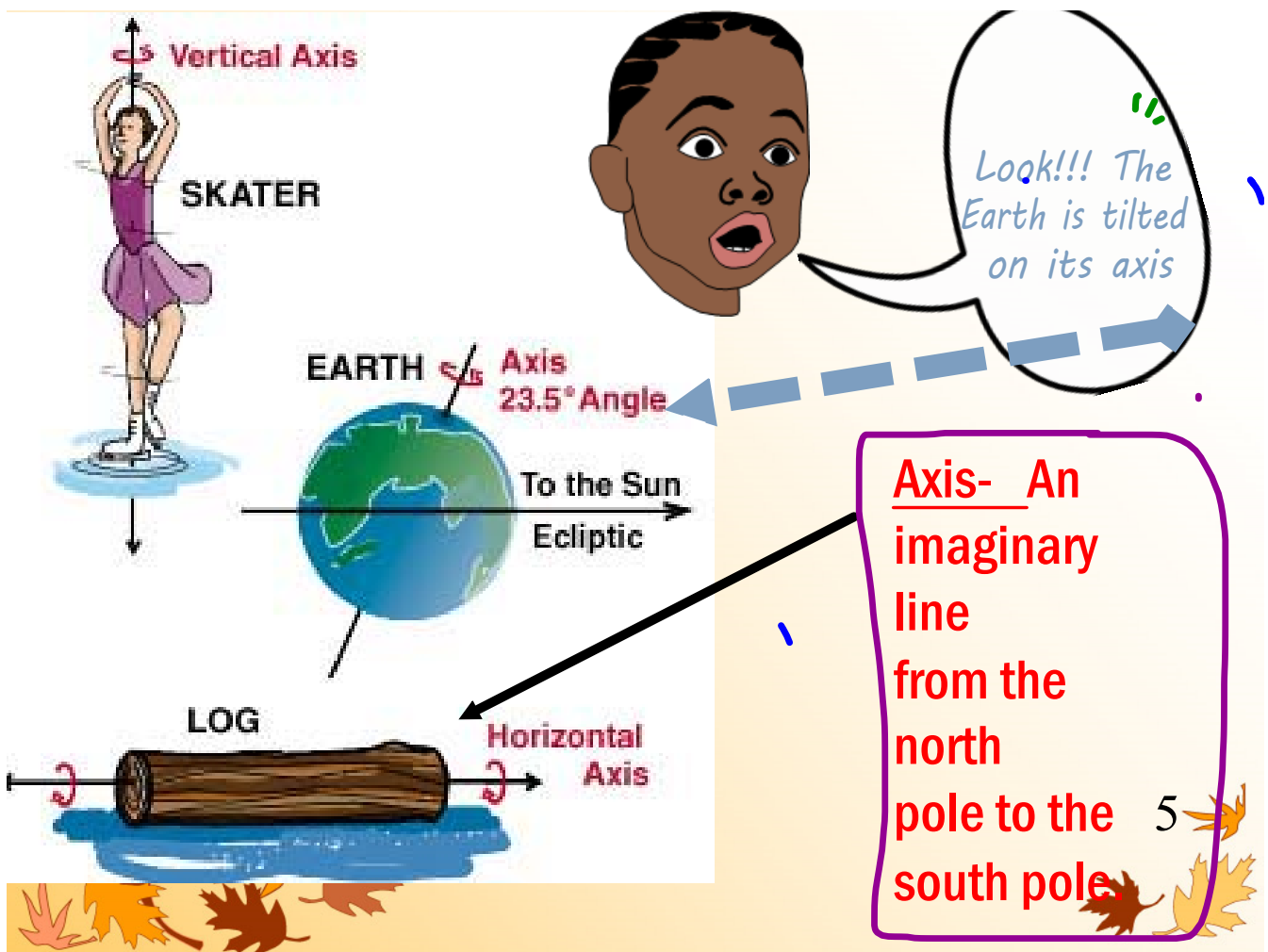
earth (goes around sun)  
↳ Earth takes 1 year = 365 days

↳ counter clockwise



<https://www.youtube.com/watch?v=EXasopxAfoM>

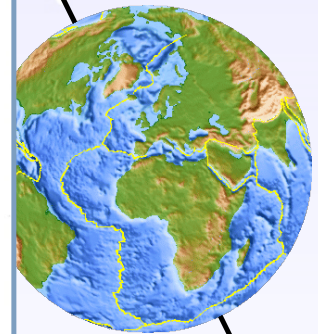
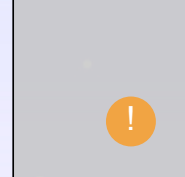
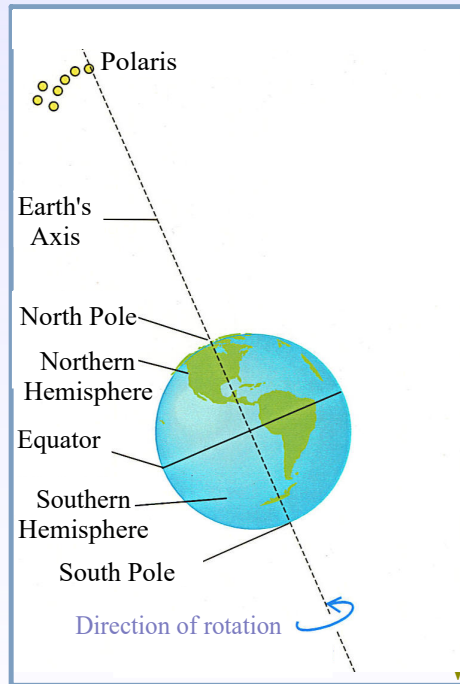
source: Christopherson (2000) Geosystems



*(Spinning)*  
Rotation -  
 The  
movement  
 of  
 an object  
 around its  
 axis.



f



What about the other planets?  
 Click Here

6

Earth rotates Counter clockwise

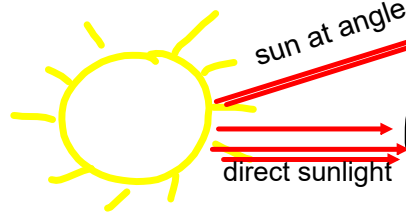
→ 24 hours

# Cycles of Earth

Summer in NH because it is tilted towards the sun, so you get direct sunlight



Winter in SH because it is tilted away from sun, so you get indirect sunlight (light at an angle)



Winter in NH because it is tilted away from sun, so you get indirect sunlight (light at an angle)

Summer in SH because it is tilted towards the sun, so you get direct sunlight

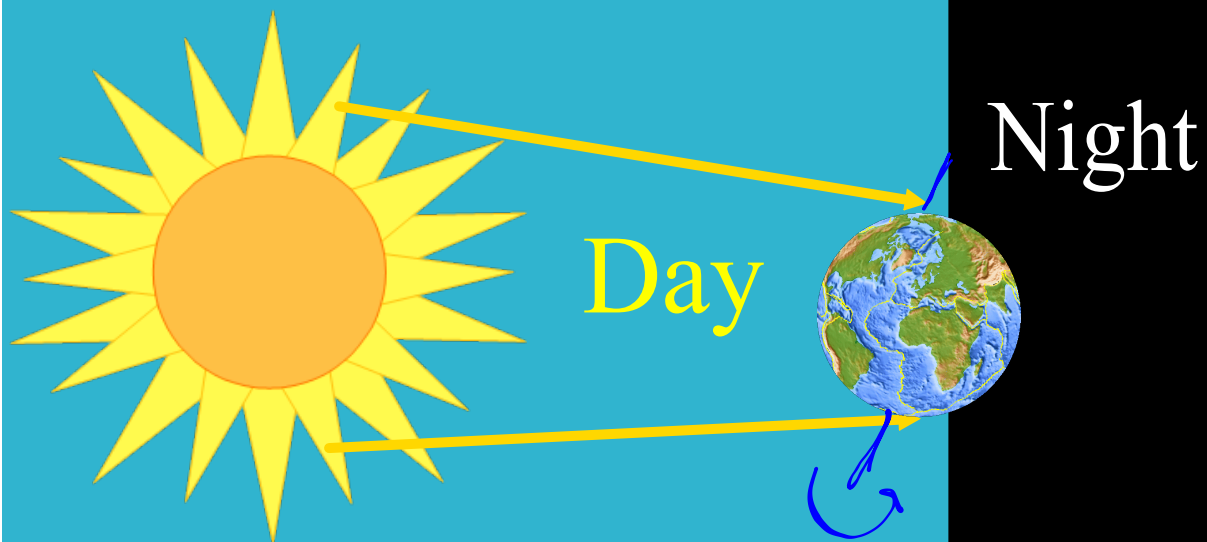
\*

The Revolution of the Earth and the tilt of the Earth both cause the Earth to have Seasons.

\* Study

 [Earth's Tilt 1: The Reason for the Seasons \(youtube.com\)](https://www.youtube.com/watch?v=...)

As the Earth rotates on its axis, the part of the Earth facing the Sun is experiencing day, and the part away from the Sun is experiencing night. **One rotation of Earth takes 24 hours.**



## Rotation is the Reason for Day & Night



As the Earth spins, the side facing the sun is in the daylight.

The side away from the sun is night.



## Attachments

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NOTES - Ecological Organization.pdf

TEXT - Water and Nitrogen Cycles.pdf

Science 7 Rock Assignment 1.docx