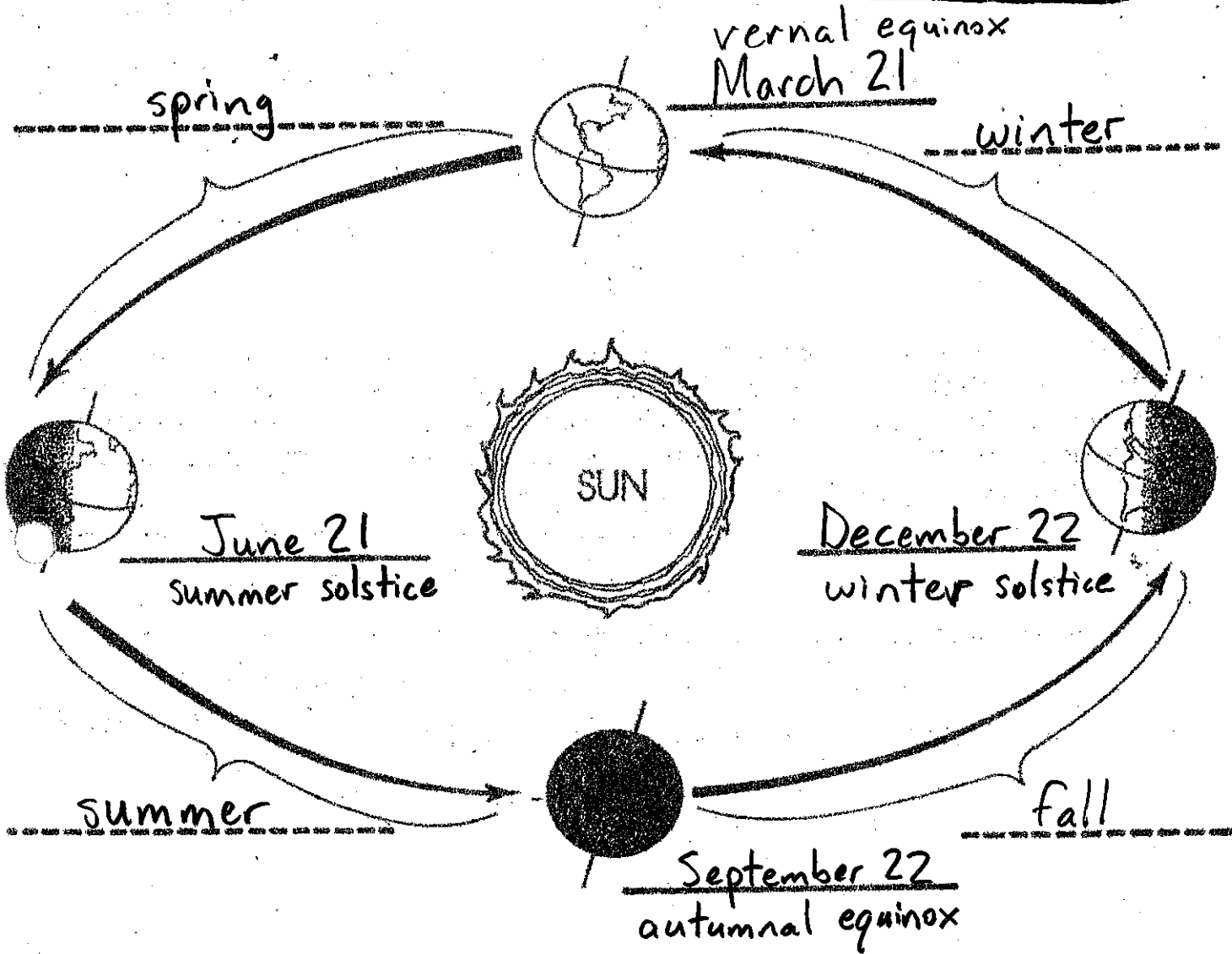


The Seasons

Name _____

The diagram below shows the Earth's position in its orbit on four different dates. On the solid line label the equinox dates. On the dotted lines name the season in the Northern Hemisphere.

Use as a study guide for seasons quiz on Thurs. 12/15/16



WORD BANK

March 21
September 22

December 22
June 21

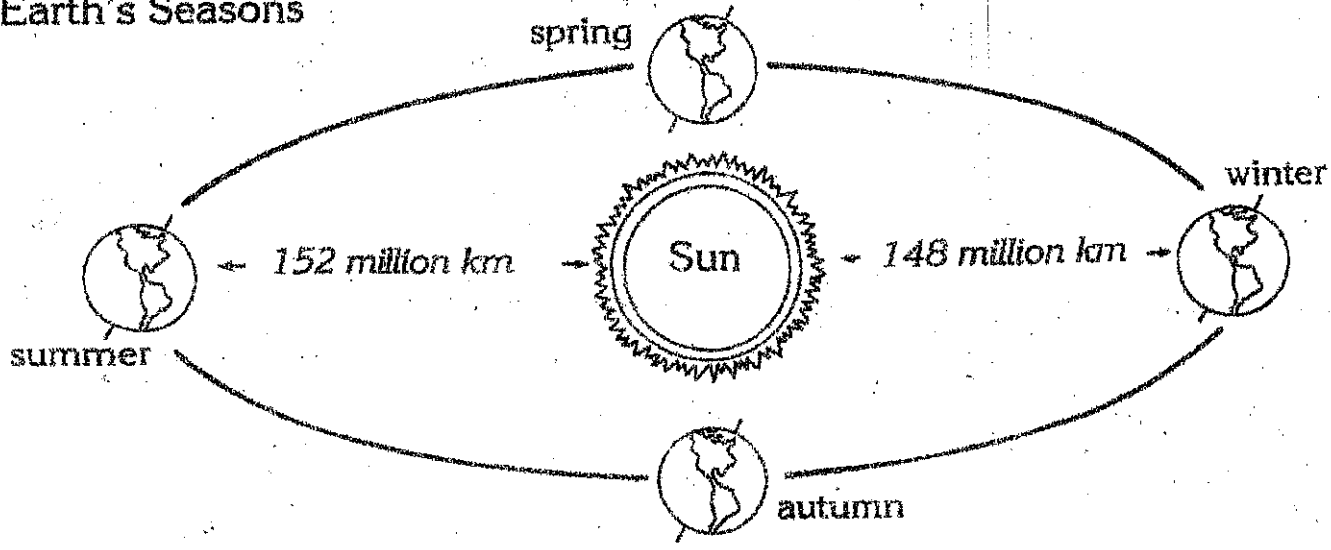
spring
winter

fall
summer

Name _____
Period _____

Earth's Seasons

Earth's Seasons



Tilt of the Earth is $23\frac{1}{2}$ degrees from the perpendicular. Earth revolves around sun. In Northern Hemisphere: summer—Earth tilts toward sun and receives strong, direct sun rays, high temperatures; winter—Earth tilts away from sun and receives weak, slanted sun rays, lower temperatures; spring and autumn—Earth tilts neither toward nor away from sun, moderate temperatures.

-
1. The Earth is closer to the sun by 4 million km during the season of winter.
 2. The Earth's axis is tilted as the Earth revolves around the sun.
 3. Direct rays from the sun cause warmer/hotter temperatures than do slanted rays.
 4. In the Southern Hemisphere, the seasons are opposite those in the Northern Hemisphere.