

Name _____ School Latitude _____ School Longitude _____

Hint: Find your school coordinates in a web search.



Seasons e-Lab

Pre – e-Lab Vocabulary

Bring completed Vocabulary to the e-Lab. You'll need it!

DEFINE. Provide sketches and dates for clarity.

1. Spring (Vernal) Equinox
2. Fall (Autumn) Equinox
3. Summer Solstice
4. Winter Solstice
5. Rotation
6. Revolution
7. Earth's Axis
8. Ecliptic
9. Latitude
10. Longitude
11. Prime Meridian
12. Equator
13. Tropic of Cancer
14. Tropic of Capricorn
15. Arctic Circle
16. Antarctic Circle
17. Parallels
18. Tropical Zone (Tropics)
19. Temperate Zone
20. Rainy Season





Sample Definitions

Perpendicular: At a 90 degree angle. In a right triangle, two sides are perpendicular to each other, since the angle between them is 90° .

Tangent: Noun: A line that touches a circle in only one place, and is perpendicular to a radius of the circle.
Adjective: Tangential. A tangent is tangential to its circle.

See the cute sim/applet at Math Warehouse to experience tangents!

<http://www.mathwarehouse.com/geometry/circle/tangent-to-circle.php>

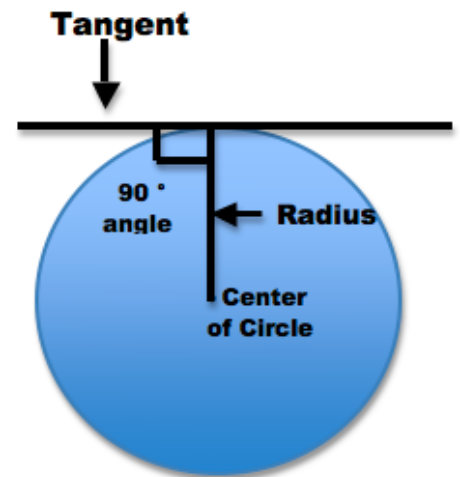


Image showing a tangent line perpendicular to the radius of a circle.