**Geometry Vocabulary**

1. **Point –** a precise location on a plane, represented by a dot.
2. **Line –** a geometrical object that is straight, infinitely long and thin.
3. **Line Segment –** part of a line.
4. **Volume –** the amount of space in a 3D figure.
5. **Area –** the amount of surface of a figure.
6. **Perimeter –** the distance around a figure.
7. **Coordinates –** an ordered pair of numbers that represent a point.
8. **Midpoint –** a point that divides a segment into two equal parts.
9. **Space –** the set of all points.
10. **Ray –** a line which starts at a point and goes off in a particular direction to infinity.
11. **Plane –** a flat surface that is infinitely large with zero thickness.
12. **Collinear –** a set of points that lie in a straight line.
13. **Coplanar –** points and lines on the same plane.
14. **Vertex –** the common end point of two or more rays.
15. **Angle –** two rays with a common endpoint.
16. **Parallel Lines –** lines that lie in the same plane and never meet.
17. **Transversal –** a line that intersects two coplanar lines in two points.
18. **Perpendicular Lines –** lines that meet or cross at right angles.
19. **Right Angle –** an angle whose measure is exactly 90˚.
20. **Acute Angle –** an angle whose measure is less than 90˚.
21. **Obtuse Angle –** an angle whose measure is greater than 90˚ and less than 180˚.
22. **Straight Angle –** an angle whose measure is exactly 180˚, a straight line.
23. **Complementary Angles –** two angles that add up to 90˚.
24. **Supplementary Angles –** Two angles that ad up to 180˚.
25. **Adjacent Angles –** two angles that share common side and a common vertex.
26. **Angle Bisector -** a line which cuts an angle into two equal halves.
27. **Hypotenuse -** The side opposite the right angle in a right-angled triangle
28. **Congruent Angles –** angles that have the same measure.
29. **Radius –** a straight line from the center to the circumference of a circle or sphere.
30. **Circumference –** the perimeter of a circle.
31. **Diameter –** the line through the center of a circle.
32. **Pi –** the ratio of the circumference of a circle to its diameter.
33. **Postulate –** an accepted statement of fact.