

# Geometry Vocabulary

(Review monthly)

## PLAIN SHAPES / OTHER VOCABULARY

### GRADE 1

2 D            Circle            Square            Rectangle            Triangle            Rhombus  
Geometry Patterns

### GRADE 2

2 D            Circle            Square            Rectangle            Triangle            Rhombus  
Vertex        Edge            Face            Side            Perimeter        Area with squares  
Geometry Patterns

### GRADE 3

2 D            Circle            Square            Rectangle            Triangle            Rhombus  
Vertex        Edge            Face            Side            Perimeter        Area with squares  
Quadrilateral    Pentagon        Hexagon        Octagon        Polygon  
Congruent        Diameter        Radius        Center        Volumes with cubes  
Geometry Patterns  
Lines of Symmetry

### GRADE 4

2 D            Circle            Square            Rectangle            Triangle            Rhombus  
Vertex        Edge            Face            Side            Perimeter        Area with squares  
Quadrilateral    Pentagon        Hexagon        Octagon        Polygon  
Congruent        Diameter        Radius        Center        Area  
Equilateral        Equiangular    Regular        Geometry Patterns  
Lines of Symmetry  
Volumes with cubes

Use protractor

Rectangles with same perimeter do not necessarily have same area

Formulas for:

Area, and perimeter of a square and rectangle

Classify and Name all triangles

Tessellations (simple shapes to cover an area)

### GRADE 5-8

2 D            Circle            Square            Rectangle            Triangle            Rhombus  
Vertex        Edge            Face            Side            Perimeter        Area with squares  
Quadrilateral    Pentagon        Hexagon        Octagon        Polygon  
Congruent        Diameter        Radius        Center        Area  
Equilateral        Equiangular    Regular        Geometry Patterns  
Lines of Symmetry  
Volumes with cubes

Use protractor

Rectangles with same perimeter do not necessarily have same area

Formulas for:

Area, and perimeter of a square and rectangle

Classify and Name all triangles

Tessellations (simple shapes to cover an area)

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## SOLID FIGURES and ANGLES

### GRADE 2

3 D	Sphere Cube		Rectangular Prism	Pyramid
Cone	Cylinder	Point	Line segment	End point
Line	Slide	Flip	Turn	

Directions on a Map  
Coordinate Grid  
Space-filling patterns

### GRADE 3-5

3 D	Sphere Cube		Rectangular Prism	Pyramid
Cone	Cylinder	Point	Line segment	End point
Line	Slide	Flip	Turn	Acute angle
Angle concepts		Right angle	Obtuse angle	

Directions on a Map  
Coordinate Grid  
Plot points (first quadrant)  
Space-filling patterns  
Use translation, reflection, or rotation to map  
Notations for lines and angles  
Sum of measure of interior angles of triangle=  $180^\circ$

### GRADES 5-8

3 D	Sphere Cube		Rectangular Prism	Pyramid
Cone	Cylinder	Point	Line segment	End point
Line	Slide	Flip	Turn	Acute angle
Angle concepts		Right angle	Obtuse angle	

Directions on a Map  
Coordinate Grid  
Plot points (first quadrant)  
Space-filling patterns  
Use translation, reflection, or rotation to map  
Use coordinates in four quadrants  
Formula for circumference and area of a circle  
Find the volume and surface area of prisms and cylinders.  
Notations for lines and angles  
Sum of measure of interior angles of triangle=  $180^\circ$