4th Grade Math Geometry and Measurement	
Grade	**4**
Unit of Study	**Unit 5: Geometry and Measurement: Figures, Classification, and Symmetry**
Length of Unit	**6 Weeks**

Missouri Learning Standards

4.GM.A.1 Draw and identify points, lines, line segments, rays, angles, perpendicular lines and parallel lines.
4.GM.A.2 Classify two-dimensional shapes by their sides and/or angles.
4.GM.A.3 Construct lines of symmetry for a two-dimensional figure.
4.GM.B.4 Identify and estimate angles and their measure.
4.GM.B.5 Draw and measure angles in whole-number degrees using a protractor.

https://dese.mo.gov/media/pdf/curr-mls-standards-math-k-5-sboe-2016

Unit {#}: Learning Targets

I can identify and draw points, lines, line segments, rays, and angles and identify them in two-dimensional figures
I can recognize an angle as a geometric shape.
I can identify acute, right, and obtuse angles in two-dimensional figures.
I can identify and draw parallel and perpendicular lines, distinguish between the two, and identify them in two-dimensional figures.
I can recognize the relationship between the measure of an angle and the part of a circle that the angle turns through.
I can use a protractor to measure an angle
I can use benchmark angle measures to estimate the measure of an angle.
I can draw an angle of a specific degree.
I can recognize that an angle can be decomposed into several smaller angles.
I can recognize that several smaller angles can be combined to form a larger angle.
I can add and subtract to find angle measures.
I can use addition and subtraction to solve word problems about angle measures.

I can sort two-dimensional figures based on parallel or perpendicular sides and on acute, obtuse, or right angles.
I can name a triangle based on the kind of angles it has (acute, obtuse, right).
I can recognize lines of symmetry in two-dimensional figures.
I can draw lines of symmetry in two-dimensional figures.

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Assessments	
MLS (Learning Goal)	**Description or Location**
4.GM.B Understand the concepts of angle and measure angles. **4.GM.A** Classify 2-Dimensional shapes by properties of their lines and angles.	iready.com

Vocabulary			
Acute Angle Angle Line LineSegment Obtuse Angle Parallel Lines Perpendicular Lines	Point Ray Right Angle Vertex Degree Protractor	Acute Triangle Equilateral Triangle Hexagon Isosceles Triangle Obtuse Triangle	Polygon Right Triangle Scalene Triangle Trapezoid (inclusive and exclusive) Line of Symmetry

Instructional Materials
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Additional Instructional Resources
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Reflections for Future Revisions