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| **Unit Name:** **Lines and Angles** |
| **Common Core State Standards:****4.G.1** Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures. |
| **Essential Vocabulary:**

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| * lines
* angle
* point
* line segment
* ray
 | * vertex/vertices
* oblique
* plane
* perpendicular
* parallel
 | * line of symmetry
* polygon
* right angle
* obtuse angle
* acute angle
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| **Unit Overview:**In this unit, students will be identifying angles and be able to explain/reason with different types of angles. This is the first time the students will be exposed to rays, angles, perpendicular and parallel lines.  |
| **Strategies/Skills:**Students will build on their understanding of geometric shapes and go further with a variety of properties. Students will model mastery of this concept through the following ways:* building
* drawing
* identifying
* analyzing
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| **Video Support:**Video support can be found on LearnZillion.* <https://learnzillion.com/>
	+ Draw points, lines, and line segments

<https://learnzillion.com/lessons/2346-draw-points-lines-and-line-segments>* + Classify and draw various types of angles

<https://learnzillion.com/lessons/2395-classify-and-draw-various-types-of-angles>* + Draw parallel and perpendicular lines

<https://learnzillion.com/lessons/2313-draw-parallel-and-perpendicular-lines>* + Label and name points, lines, rays and angles using math notation

<https://learnzillion.com/lessons/2416-label-and-name-points-lines-rays-and-angles-using-math-notation> |
| **Additional Resources:**If you have limited/no internet access, please contact your child’s teacher for hard copies of the resources listed in this document.* NCDPI Unpacking Document: [4th Grade Unpacking Document](http://www.ncpublicschools.org/docs/acre/standards/common-core-tools/unpacking/math/4th.pdf)
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