

Dear Parents,

We will begin our next unit of study in math soon. The information below will serve as an overview of the unit as you work to support your child at home. If you have any questions, please feel free to contact me. I appreciate your on-going support.

Sincerely,

Your Child's Teacher

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:

- | | | |
|----------------|-------------------|--------------------|
| • lines | • vertex/vertices | • line of symmetry |
| • angle | • oblique | • polygon |
| • point | • plane | • right angle |
| • line segment | • perpendicular | • obtuse angle |
| • ray | • parallel | • acute angle |

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

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](#)

Wake County Public Schools, Unit Overview for Parents

This document should not replace on-going communication between teachers & parents.