

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: 2D Figures

Common Core State Standards:

4.G.2 Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of a specified size. Recognize right triangles as a category, and identify right angles.

Essential Vocabulary:

- quadrilateral
- isosceles trapezoid
- trapezoid
- rhombus
- parallelogram
- rectangle
- square
- right triangle two-dimensional
- right
- obtuse
- acute
- attributes
- parallel
- perpendicular
- congruent
- equilateral
- isosceles
- scalene
- kite

Unit Overview:

In this unit, students will build upon their understanding of identifying various shapes through attributes. In this unit students will focus on identifying parallel lines and perpendicular lines while identifying the angles used from the previous units: acute, obtuse, and right. Students will investigate the concept of “same size and same shape”; however, the concept of congruence and similarity do **not** appear until middle school.

Strategies/Skills:

Students will build on their understanding of geometric shapes and go further with identifying and measuring angles. Students will model mastery of this concept through the following ways:

- drawing
- identifying
- analyzing

Video Support:

Video support can be found on LearnZillion.

- <https://learnzillion.com/>
 - Classify two-dimensional figures by examining their properties
<https://learnzillion.com/lessons/2879-classify-twodimensional-figures-by-examining-their-properties>
 - Classify triangles by examining their properties
<https://learnzillion.com/lessons/3040-classify-triangles-by-examining-their-properties>
 - Classify right triangles
<https://learnzillion.com/lessons/3069-classify-right-triangles>
 - Classify various quadrilaterals by describing their properties

Wake County Public Schools, Unit Overview for Parents

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

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

<https://learnzillion.com/lessons/2936-classify-various-quadrilaterals-by-describing-their-properties>

- Classify quadrilaterals by examining their sides

<https://learnzillion.com/lessons/2937-classify-quadrilaterals-by-examining-their-sides>

- Classify parallelograms by examining their angles and sides

<https://learnzillion.com/lessons/2988-classify-parallelograms-by-examining-their-angles-and-sides>

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](#)