

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

<b>Unit Name:</b> <b>Dividing Decimals</b>
<b>Common Core State Standards:</b> <b>5.NBT.7</b> Add, subtract, multiply, and <b>divide</b> decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
<b>Essential Vocabulary:</b> <ul style="list-style-type: none"><li>• ungroup</li><li>• dividend</li><li>• divisor</li><li>• quotient</li><li>• estimation</li><li>• grid</li><li>• number line</li><li>• base ten blocks</li><li>• area model</li></ul>
<b>Unit Overview:</b> <p>Division methods used for finding quotients of whole numbers are used with finding quotients using decimals. Students will also place the decimal point in the quotient. Students are expected to explain that “when the decimal point in the divisor is moved to make a whole number, the decimal point in the dividend should be moved the same number of places.” Students will use estimation to determine if their answer is reasonable.</p>
<b>Strategies/Skills:</b> <p>Students will use grids, number lines, and base ten blocks to divide numbers with decimals. The focus for students is the conceptual understanding; not the formal algorithm. The Common Core requires students to connect their understanding to concrete models or drawings. Students will also use estimation strategies to determine if their answers make sense.</p> <ul style="list-style-type: none"><li>• Grids</li><li>• Number lines</li><li>• Base ten blocks</li><li>• Area model</li><li>• Estimation</li></ul>
<b>Video Support:</b> <p>Video support can be found on The WCPSS Academics YouTube Channel.</p> <ul style="list-style-type: none"><li>• <a href="http://tinyurl.com/WCPSSAcademicsYouTube">http://tinyurl.com/WCPSSAcademicsYouTube</a><ul style="list-style-type: none"><li>○ <a href="#">ES 5 Math Decimal divided by Whole with Grids</a></li><li>○ <a href="#">ES 5 Math Decimal divided by Whole w/ Number Lines</a></li><li>○ <a href="#">ES 5 Math Decimal divided by Whole w/ Base Ten Blocks</a></li><li>○ <a href="#">ES 5 Math Whole divided by Decimal s/ Base Ten Blocks</a></li><li>○ <a href="#">ES 5 Math Whole divided by Decimal with Grids</a></li><li>○ <a href="#">ES 5 Math Decimal divided by Decimals w/ Number Lines</a></li><li>○ <a href="#">ES 5 Math Decimal divided by Decimals with Grids</a></li></ul></li></ul>
<b>Additional Resources:</b> <p>If you have limited/no internet access, please contact your child's teacher for hard copies of the resources listed in this document.</p> <ul style="list-style-type: none"><li>• NCDPI Unpacking Document: <a href="#">5<sup>th</sup> Grade Unpacking Document</a></li></ul>

**Wake County Public Schools, Unit Overview for Parents**

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