

## FCPS New Learning Module: Grade 3 (Math)

The purpose of this Learning Module is to ensure your child has received the remaining content from the 2019-2020 school year. The **entire module** must be completed by every FCPS student. It will be tracked for credit, but not graded. Modules can be completed this spring (April 27 – May 22) or during another time, TBA, in summer or fall. There will be a module for Reading/Writing, Math, Core, and Special Area.

Although, FCPS teachers will do their best to reference only free materials, sites have the option to change access at any time without notice. If an option you choose is no longer available, please choose another. Also, we cannot control advertisements that appear on websites. Please double check the site before having your child visit.

<p><b>Topic 1: Polygons Video Lesson</b></p> <p><i>PowerPoint <a href="#">video</a> lesson on polygons</i></p>	<p><b>Task 1: 3.12ab Polygons Activity</b></p> <p>Using polygons or the tangrams on the last page, create a robot, person, or building. Label the polygons.</p> <p><i>Polygon Song Video:</i> <a href="https://safeYouTube.net/w/5Ys8">https://safeYouTube.net/w/5Ys8</a></p>
<p><b>Topic 2: Combine &amp; Subdivide Lesson</b></p> <p><i>PowerPoint <a href="#">video</a> lesson on combining and subdividing polygons</i></p>	<p><b>Task 2: Breaking and Creating Polygons</b></p> <p>On the last page you have tangram pieces that you can cut out. If you cannot print and cut the pieces, you can move them around on the that same page. Try to complete the following tasks:</p> <p style="text-align: center;"><u>Combining Polygons Practice</u></p> <ol style="list-style-type: none"><li>1. Make a Triangle using 2 tangram pieces</li><li>2. Make a parallelogram using 3 tangram pieces</li><li>3. Make a hexagon using 3 tangram pieces</li><li>4. What shape can you make using all the tangram pieces?</li></ol> <p style="text-align: center;"><u>Subdividing Polygon Practice</u></p> <ol style="list-style-type: none"><li>1. What polygons can you make from a triangle?</li><li>2. What polygons can you make from a diamond?</li><li>3. What polygons can you make from a trapezoid?</li></ol>

	4. What polygons can you make from a rectangle?
<p><b>Topic 3: Congruent Figures Lesson</b></p> <p>PowerPoint <a href="#">video</a> lesson on congruency</p>	<p><b>Task 3: Congruency Activity</b></p> <p>Locate and compare several shapes in your home. Choose two to compare. Are these shapes congruent or noncongruent?</p>
<p><b>Topic 4: Equivalency and math fact review</b></p> <p>PowerPoint <a href="#">video</a> lesson on equivalency</p> <p>Can you solve this? Which is true?</p> <p><input type="radio"/> A <math>4 \times 2 = 8 - 2</math></p> <p><input type="radio"/> B <math>45 \div 5 = 16 - 6</math></p> <p><input type="radio"/> C <math>5 \times 4 = 18 + 2</math></p> <p><input type="radio"/> D <math>6 \times 10 = 56 + 6</math></p>	<p><b>Task 4: Equivalency Activity</b></p> <p>Use a deck of cards or number cards. Draw 4 cards. Put 2 on one side of the equal sign = and 2 on the other side. Add, subtract, multiply or divide to make them equivalent. Write the equation. Example, you drew a 8, 4, 2, 6. You could write <math>8 + 4 = 6 \times 2</math>. If you can't arrange them to make them equivalent, you can write them as not equivalent. Example: You drew 3, 2, 5, 9. You can write <math>3 - 2 \neq 9 \times 5</math>.</p> <p>Math Fact review: Go on Big Brainz or play war. War: Get a partner and decide if you are adding or multiplying. Using a deck of cards or number cards, draw two and do the operation. Whoever has the highest gets to keep the match. You can also use subtraction and whoever has the lowest wins!</p>

**When your child has completed each of the tasks for this module, complete the survey or reach out to his/her teacher.**

**Survey:**

**<https://forms.office.com/Pages/ResponsePage.aspx?id=nOtJEi86KECeR4iL0tXrzyVzGLLHzgRIiLaJCf9Mmy1UMzFNS0E3TEhBMFpiUENDNUZSODFTVIIQQiQIQcNO PWcu>**

Cut the following tangram pieces and use to complete your activities throughout your math module. If you cannot print and cut the pieces out, you can move them around on the [Movable Attribute Blocks and Tangram Pieces PowerPoint](#).

