



<b>Course Name</b>	Math 6 <sup>th</sup> Grade	<b>Course Code</b>	27021001
<b>School Name</b>	Stone Mountain Middle	<b>Teacher Name</b>	<b>Ms. Lyons</b>
<b>School Phone #</b>	678-676-4855	<b>Teacher Email</b>	<a href="mailto:India_lyons@dekalbschoolsga.org">India_lyons@dekalbschoolsga.org</a>
<b>School Website</b>	<a href="http://www.stonemountainms.dekalb.k12.ga.us/">www.stonemountainms.dekalb.k12.ga.us/</a>	<b>Teacher Website</b>	
<b>COMMUNICATION TOOL</b>	Remind App using a smartphone	<b>Text: @math6a2019</b>	Remind App – Text <b>@math6a2019 to 81010</b> to receive communications from the teacher.

## 2019 – 2020 School Year Math Syllabus

**Course Description:** In Grade 6, instructional time should focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

Students in Grade 6 also build on their work with area in elementary school by reasoning about relationships among shapes to determine area, surface area, and volume. They find areas of right triangles, other triangles, and special quadrilaterals by decomposing these shapes, rearranging or removing pieces, and relating the shapes to rectangles. Using these methods, students discuss, develop, and justify formulas for areas of triangles and parallelograms. Students find areas of polygons and surface areas of prisms and pyramids by decomposing them into pieces whose area they can determine. They reason about right rectangular prisms with fractional side lengths to extend formulas for the volume of a right rectangular prism to fractional side lengths. They prepare for work on scale drawings and constructions in Grade 7 by drawing polygons in the coordinate plane.

### Curriculum Overview

The following academic concepts will be covered. **THIS IS ONLY A GUIDE AND IS SUBJECT TO CHANGE.**

CURRICULUM OVERVIEW	
<i>Unit 1 – Number System Fluency</i>	Unit 5 – Area & Volume
<i>Unit 2 – Ratio, Rates &amp; Proportional Reasoning</i>	Unit 6 – Statistics
<i>Unit 3 – Expressions</i>	Unit 7 – Rational Explorations: Numbers and their Opposite
<i>Unit 4 – One Step Equations &amp; Inequalities</i>	

### BOARD-APPROVED INSTRUCTIONAL MATERIALS

Title	Middle School Math Grade 6: A Common Core GPS Course
ISBN	Student Text 978-1-60972-173-2
Replacement Cost	Price: \$78.00
Online book and/or resources	<a href="http://www.carnegielearning.com/">http://www.carnegielearning.com/</a>
Online student access code (school specific)	

**GRADING SYSTEM:** The DeKalb County School District believes that the most important assessment of student learning shall be conducted by the teachers as they observe and evaluate students in the context of ongoing classroom instruction. A variety of approaches, methodologies, and resources shall be used to deliver educational services and to maximize each student's opportunity to succeed. Teachers shall evaluate student progress, report grades that represent the student's academic achievement, and communicate official academic progress to students and parents in a timely manner through the electronic grading portal. **See Board Policy IHA.**

GRADING CATEGORIES	*GRADE PROTOCOL		
Pre-Assessments Prior to Learning (Formative Assessments) - <b>0%</b>	<b>A</b>	90 – 100	~ <b>P</b> (pass)
Assessments During Learning – <b>25%</b>	<b>B</b>	80 – 89	~ <b>F</b> (fail)
Guided, Independent, or Group Practice – <b>45%</b>	<b>C</b>	71 – 79	
Summative Assessments or Assessments of Learning– <b>30%</b>	<b>D</b>	70	
	<b>F</b>	Below 70	

**Notes:**

\*English Learners (ELs) must not receive numerical or letter grades for the core content areas in elementary and middle school during their first year of language development. A grade of CS or CU must be assigned. This rule may be extended beyond the first year with approval from the EL Studies Program. English Learners must receive a grade for ESOL courses.

~Elementary schools will utilize P (pass) and F (fail) in Health/Physical Education, Music, World Languages, Visual Arts and Performing Arts.

DISTRICT EXPECTATIONS FOR SUCCESS	
<b>STUDENT PROGRESS</b>	Semester progress reports shall be issued four and a half, nine and thirteen and a half weeks into each semester. The progress of students shall be evaluated frequently, and plans shall be generated to remediate deficiencies as they are discovered. Plans shall include appropriate interventions designed to meet the needs of the students. <b>See Board Policy IH.</b>
<b>ACADEMIC INTEGRITY</b>	Students will not engage in an act of academic dishonesty including, but not limited to, cheating, providing false information, falsifying school records, forging signatures, or using an unauthorized computer user ID or password. <b>See the Code of Student Conduct - Student Rights and Responsibilities and Character Development Handbook.</b>
<b>HOMEWORK</b>	Homework assignments should be meaningful and should be an application or adaptation of a classroom experience. Homework is at all times an extension of the teaching/learning experience. It should be considered the possession of the student and should be collected, evaluated and returned to the students. <b>See Board Policy IHB. Homework is given out on Monday and due Friday.</b>
<b>MAKE-UP WORK DUE TO ABSENCES</b>	When a student is absent because of a legal reason as defined by Georgia law or when the absence is apparently beyond the control of the student, the student shall be given an opportunity to earn grade(s) for those days absent. Make-up work must be completed within the designated time allotted. <b>See Board Policy IHEA.</b>

## SCHOOL EXPECTATIONS FOR SUCCESS

<b>CLASSROOM EXPECTATIONS</b>	<ul style="list-style-type: none"> <li>• <b>Be Prepared:</b> Students are expected to come to class prepared every day with class materials</li> <li>• <b>Be Willing</b> to learn and participate is crucial for success.</li> <li>• Turn in Homework on Fridays as soon as you enter</li> <li>• Sit down immediately after turning in work</li> <li>• Then look at the board and begin work.</li> <li>• No talking over the teacher. Remain in your seat.</li> <li>• <b>Be Respectful:</b> Respect yourself, others, and your school. Exhibit self-control. Be courteous and respectful to everyone</li> <li>• <b>Be Responsible</b> for yourself and your actions.</li> <li>• <b>No Phones.</b></li> <li>• Students will sign the “<b>No Homework Log</b>” when they do not turn no their homework</li> </ul>
<b>MATERIALS AND SUPPLIES</b>	<p>Please come to class prepared with the following:  #2 Pencil daily (We use pencils so we can erase our mistakes), Math Notebook/ 3 Ring Binder, Ten Dividers Labeled (see below). Loose leaf paper in binder.</p>
<b>Notebook Requirement</b>  <i>All handouts from our Carnegie Learning Book will go in our Math Binder under the correct Unit.</i>	<p>Portfolio 3 Ring Binder with 10 Dividers</p> <ol style="list-style-type: none"> <li>1. Design the Outside Cover – Math Artwork</li> <li>2. Write Name &amp; Class Period on Cover</li> <li>3. Label 10 Dividers: <ul style="list-style-type: none"> <li>Divider #1 – Syllabus</li> <li>Divider #2 – Homework Assignments</li> <li>Divider #3 – Interactive Vocabulary</li> <li>Divider #4 - Unit 1 – Number Fluency</li> <li>Divider #5 - Unit 2 – Rate, Ratio &amp; Proportional Reasoning</li> <li>Divider #6 - Unit 3 – Expressions</li> <li>Divider #7 - Unit 4 – One Step Equation &amp; Inequalities</li> <li>Divider #8 - Unit 5 – Area and Volume</li> <li>Divider #9 - Unit 6 - Statistics</li> <li>Divider #10 –Unit 7 – Rational Exploration</li> </ul> </li> </ol>
<b>EXTRA HELP</b>	IXL, Khan Academy, Edmodo, USA Test Prep, Lunch and Learn
<b>PARENTS AS PARTNERS</b>	<p>Please sign up for Remind App, Text <b>@math6a2019</b> to <b>81010</b>. Initial Student’s Homework.</p> <p>I appreciate the parents allowing me to educate your child. I look forward to working with you this school year. – Ms.Lyons</p>

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# PLEASE SIGN BELOW AND RETURN THIS PAGE OF SYLLABUS TOMORROW

PAGES

**1 – 3 MUST BE KEPT IN YOUR MATH NOTEBOOK / BINDER.**

I have read the syllabus.

**Student Name**

(Print) \_\_\_\_\_

Parent/Guardian

Signature \_\_\_\_\_

Date \_\_\_\_\_

Additional information to support continued contact:

Information	Parent/Guardian
Day Time Phone Number	
Cellular Phone Number	
Home Phone Number	
Email Address	

Parents, If you would like to communicate with the teacher directly and receive messages on your cell phone and computer, then sign up for REMIND by texting **@math6a2019** to **81010**.