

# 2021-2022- 7<sup>th</sup> Grade Math Course Syllabus

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## **DMS MISSION SY21**

*Dutchtown Middle School seeks to foster a safe and positive school community where all stakeholders are both actively and consistently engaged. We will commit ourselves daily towards sustaining high expectations for teaching and learning, nurturing positive relationships, and celebrating the collective success of our school and community.*

## **DMS VISION SY21**

***"In truth, honor, and integrity, Dutchtown Middle School will create an environment of excellence in all that we do."***

## **Course Description**

The **Mathematics Georgia Standards of Excellence** provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they need to do to help them. The standards are designed to be rigorous and relevant to the real world, reflecting the knowledge and skills that students need for success in college and careers. With our students fully prepared for the future, our communities will be positioned to compete successfully in the global economy. You may visit the **Georgia Department of Education website** ([www.gadoe.org](http://www.gadoe.org)) or the Henry County School System website (<http://www.henry.k12.ga.us/>) to further explore the state standards.

## **Units of Study**

### **Unit 1: Operations and Rational Numbers**

Students will apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

### **Unit 2: Expressions and Equations**

Students will use properties of operations to generate equivalent expressions, in addition to solving real-life mathematical problems using numerical and algebraic expressions and equations.

### **Unit 3 Ratios and Proportional Relationships**

Students will analyze proportional relationships and use them to solve real-world and mathematical problems.

### **Unit 4: Geometry**

Students will draw, construct and describe geometrical figures and describe the relationships between them. Students will solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

### **Unit 5: Inferences**

Use random sampling to draw inferences about a population. Draw informal comparative inferences about two populations.

### **Unit 6: Probability**

Investigate chance processes and develop, use, and evaluate probability models.

### **Unit 7: All 7<sup>th</sup> Grade Standards**

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## **Course Procedures Regarding:** *Late/Missing Work, Make-Up Work & Academic Integrity*

- Scholars will have up to 5 days to submit **missed** or **late work**.
- An **M** or **missing** will be placed as grade placeholder to reflect missing work; please note missing work will equate to a **0** in the Infinite Campus (IC) gradebook until the work is made up.
  - Students will receive a **-10pt deduction** from the grade earned on missed/late work
  - If the work is not made up within the 5 day period the grade will be changed to a **0** with commentary indicating the missed work deadline.
- If a scholar **misses work** due to an **absence** the scholar will be allowed to make up work commensurate with his/her number of absence(s). It is the scholar's responsibility to inquire about missed work and or assessments from his/her teacher.

## **HOMEWORK POLICY**

Students are expected to do ALL homework and return to class by the due date, along with any questions about specific problems. Homework is designed to enable students to assess their knowledge of a given topic. Additionally, it is used as a tool to help students review, reinforce, and/or extend what has been taught in class. Homework is discussed, checked and/or corrected. **Homework assigned via technology websites will be monitored and assessed accordingly.**

**Cell phones will not be used for calculators.**

## **GRADING POLICY**

The grading policy is consistent throughout the Dutchtown Middle School Math Department. Students will have soft deadlines and hard deadlines. Soft deadlines are a suggested date in which tasks should be completed. Hard deadlines are dates (at the latest) that tasks should be completed by. We understand that students will be working at their own pace and that some tasks may take longer than others, so this will be reflected in our grading practices. We will need your support in ensuring these tasks are being progressed through at home as well. (Classwork- 40%, Assessment- 40%, Semester Exams- 20%)

## **Grading Scales**

90%-100% = A  
80%-89% = B  
74%-79% = C  
70%-73% = D  
Below 70% = F

## **Non-Academic Grades**

Students will be evaluated on non-academic factors as follows through the conduct grade:

S- Satisfactory | N- Needs Improvement | U- Unsatisfactory

Practice Work (40% of grade)	Assessment Tasks (40% of grade)	Semester Summative Assessment Tasks (20% of grade)
<ol style="list-style-type: none"> <li>1. Classwork</li> <li>2. Formative Assessments (Quizzes, TODD, etc.) <ul style="list-style-type: none"> <li>• <i>Formal methods</i> include district or school developed formative assessments or quizzes.</li> <li>• <i>Informal methods</i> include but are not limited to white board writes, tickets out of the door, and other means to monitor scholar comprehension consistently.</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Summative Unit Assessments</li> <li>2. Constructed/Selected Response Assessments</li> <li>3. Culminating Performance Tasks/Projects <ul style="list-style-type: none"> <li>• <i>minimum of two assessment grades per semester</i></li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Semester Summative Assessment/ EOC <ul style="list-style-type: none"> <li>• <i>No exemptions for any grade level</i></li> </ul> </li> </ol>

### **INFINITE CAMPUS/GRADES ONLINE**

The Henry County School System provides parents and students access to grades via the Internet through Infinite Campus. Parents can access their code and Infinite Campus by going to the Self-Help Access link on the School's website. Parents and students can access Infinite Campus through the school's website.

### **Supply list (things you need at home)**

3 prong folder with 2 pockets  
composition notebook  
scientific calculator (TI30x)  
notebook paper  
pencils

### **ITEMS FOR ALL CLASSES:**

Glue Sticks  
Colored pencils and Colored markers or Crayons  
Scissors  
Notebook paper  
Ruler  
Index cards (multiple sets for all classes)  
Highlighters  
Blue/Black Ink Pens  
Dry Erase Markers  
Scientific Calculator (Science and Math TI30X)  
Personal Hand Held Pencil Sharpener with shavings catcher or small Ziploc bag

### **Supplies for Classroom**

Kleenex  
Hand Sanitizer  
Clorox wipes  
Paper Towels

### **Study Sessions/Tutoring**

### **After School Tuesdays-Virtual**

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## HELPFUL WEBSITES

\*[www.khanacademy.com](http://www.khanacademy.com)  
\*[www.aplusmath.com](http://www.aplusmath.com)  
\*[www.algebra-class.com](http://www.algebra-class.com)  
\*[www.purplemath.com](http://www.purplemath.com)  
\*[www.coolmath.com](http://www.coolmath.com)

\*[www.coolmath4kids.com](http://www.coolmath4kids.com)  
[www.kidzone.ws/math/](http://www.kidzone.ws/math/)  
\*[www.mathisfun.com](http://www.mathisfun.com)  
\*[www.brainpop.com](http://www.brainpop.com)  
\*[www.mathpower4u.com](http://www.mathpower4u.com)

\*[www.aaamath.com](http://www.aaamath.com)  
\*[www.funbrain.com](http://www.funbrain.com)  
\*[www.virtualnerd.com](http://www.virtualnerd.com)  
\*[www.learnzillion.com](http://www.learnzillion.com)

## CLASSROOM EXPECTATIONS

### WORK IDENTIFICATION

Properly label ALL assignments. (Name, Date, Class Period, Class#, Standard/Topic/Target)

### CLASSROOM/BEHAVIOR EXPECTATIONS

You are responsible for your actions. The county, school, and classroom rules have been established so that you may receive the best possible instruction without unnecessary interruptions. You are expected to behave in a manner that reflects dignity and self-respect. Students are expected to come to class prepared. Conduct grades are determined by how well the student follows the school and classroom rules during the class period. Students are expected to display proper school behavior at all times. In the classroom, students are expected to treat one another with respect. Classroom rules are posted.

### Discipline Protocol

DMS scholars will adhere to the rules and regulations set forth in the Henry County scholar handbook and will be held accountable for their behavior at school, on the bus, and at all school related events. At DMS, there are several interventions in place to assist scholars who misbehave. School-wide citations, called Dog B.I.T.E.S. (**B**ehavioral **I**nterventions **T**o **E**nsure **S**uccess) are assigned to scholars who commit infractions, anywhere within the building, which are minor in nature. Please note that such infractions are handled on a case-by-case basis, but could warrant a consequence that results in a scholar receiving an immediate office referral; thereby foregoing the prescribed Dog B.I.T.E.S. process.

### TIME OUTSIDE of CLASS

You cannot expect to accomplish what you should from this course without spending time with math outside of class. As well as completing daily homework assignments, students should stay organized, spend time reviewing notes and assignments, carefully reflect on problems previously missed, etc. It is my expectation that you spend approximately 15 to 20 minutes each evening with homework and use the weekend to study, work on projects, review, get caught up etc. Your notebook is your lifeline, therefore, please keep it organized. Please communicate with me as soon as possible if you are having trouble managing your time, staying organized, or understanding a concept.

### [More Classroom Procedures](#)

*The teacher reserves the right to add, delete, or revise this syllabus to better meet the needs of all students taking this course.*

*Please click the link below to confirm that you have read and understand the syllabus.*  
[Math Syllabus Acknowledgement](#)

*or sign below and return below form to class:*

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**My signature denotes that I have read and understand the items outlined in the DMS-7th Grade Math Class Syllabus.**

**Scholar Name (Print)** \_\_\_\_\_

**Scholar Signature** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Parent Signature** \_\_\_\_\_

**Date:** \_\_\_\_\_