

## South Loop Elementary School

### 7<sup>th</sup> Grade Gifted Mathematics Syllabus

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Welcome to 7<sup>th</sup> grade gifted math! I am looking forward to a fantastic year. I hope that students will not only learn to enjoy math but will also be prepared for later math classes. Work will be done in a collaborative setting in which it will be expected that you communicate both with myself and your peer mathematicians to discover mathematical concepts.

#### **Course Description:**

The Middle School Gifted Mathematics Program is an accelerated and enriched sequence. It provides opportunities for highly able students to increase the depth of the learning of mathematics by studying advanced-level concepts and skills in the middle school as they move into the high school curriculum. Instructional topics include system of equations, exponential functions, polynomials and factoring, solving and graphing quadratics, data analysis, some elements of geometry, and application of those concepts. We will also cover other rigorous mathematics topics to enrich students' education.

#### **Class Supplies:**

- Notebook: This will go into the note section in student's binder. We will be taking notes frequently. I will be conducting at least one notebook check every unit. Unless otherwise stated, this should be brought to class every day.
- Notebook paper for vocabulary: Students are expected to develop good study habits by using the Cornell Note System. Students will define and give example for each vocabulary that is learned in class.
- Binder with 5 Tabs: 1) note, 2) vocabulary, 3) homework and quizzes, 4) in-class work, and 5) major assessments. These binders will be kept in class and will help you organize study materials for assessments. I will periodically have you take this home so that families can see our progress in class and ask that you have evidence showing that it was shared (methods will vary from signed forms, emails, etc.)
- Math Tools: ruler, protractor, & Scientific Calculator (TI30, 32, 36, etc.; graphing capabilities aren't necessary) I will let you know when to bring these materials to class.

**Homework** will be assigned frequently to help you practice math skills learned in class and prepare you for upcoming lessons/assessments. Unless otherwise stated by me, evidence for answers must be shown and answers should be circled or boxed. As middle school students, we value work being turned in on time. The work we give contributes to your success and allows us to see that you are learning. In practicing Habit 1 within our Leader in Me Framework, you need to be proactive and have a conversation with me if an assignment cannot be turned in on time BEFORE it's due.

**Missing Work:** You are responsible for keeping track of all your work. If absent, the number of days you were gone determines how many days you have to make up the missing work (i.e. if you were gone for 2 days, you have 2 days from the day you get back to turn in your work before it is considered late).

**Assessments** are a way for me to measure what you have learned. Before most of our units, you will take a pre-test (which will count as an in-class assignment) and after each unit, you will take a post-test (which counts as a major assessment). Quizzes will be given when I see them appropriate throughout every unit to help assess your learning in between the pre/post-tests. I will also be assigning projects a couple times each semester, which we will go over more in detail as their due dates approach.

### **Grading information:**

Grades will be recorded on Gradebook. Parents and students can access Gradebook through the Parent and Student Portals for the most current information. The categories and percentages below will be used to calculate a final course grade based on the grading scale below. Progress reports, quarter grades, and semester grades will be cumulative for each semester.

#### **Categories**

Class Participation.....	10%
Homework.....	10%
Class Assignments/Quizzes.....	30%
Projects.....	10%
Exams.....	40%

#### **Grading Scale**

A = 100% - 90%
B = 89% - 80%
C = 79% - 70%
D = 69% - 60%
F = Below a 60%

**Retake Policy:**

- Students are allowed to retake a unit exam ONE TIME AFTER RELEARNING HAS OCCURRED.
- Students with a grade lower than a B (80%) are allowed to retake a unit exam.
- In order to retake a unit exam, students must have the following items completed and turned in the day prior to the retake:
  1. All missing assignments from the unit are completed and turned in.
  2. Cover sheet with correction and explanation of incorrect answers from the unit exam.
  3. Relearning worksheet completed with accurate answers to both questions and problems.

**Behavior Expectations and school policies:**

- Students are expected to be respectful of all property and individuals (including themselves).
- Students are expected to be prepared on time and come in quietly.
- Students who do not follow the expectation of Middle School Rules will have consequences as follow:
  - 1<sup>st</sup> check: Verbal warning
  - 2<sup>nd</sup> check: Behavior Log and call/email home
  - 3<sup>rd</sup> check: Detention and communication with parents

*Thank you for partnering with me in your child's education and I look forward to getting to know you as the year continues!*



**2016-2017 School Year  
Student/Parent/Teacher Agreement**

After reading the syllabus thoroughly, please fill out, sign, and return the following page to your advisory by **Friday, September 9<sup>th</sup>**. We are aware of the guidelines and expectations that are laid out in following syllabus. We have discussed the importance and requirements of this class.

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**Student Name Printed**

**Homeroom & Period**

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**Student Signature**

**Date**

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**Parents' Names Printed**

**Date**

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**Parents' Signature**

**Date**

**Parents' Daytime telephone number(s):**

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Parents' e-mail (please print):

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Best way to contact during the day: (check one)  
Phone

☐ Email

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