

# Inman Middle School

## 8<sup>TH</sup> GRADE STANDARD MATHEMATICS

### 2016-2017

**TEACHER:** DR. STEPHEN ALFRED    **ROOM:** PB-4 (RESOURCE) ROOM: PC-2 INCLUSION (W/MR. RUMPH)

**Email Address:** [salfred@atlanta.k12.ga.us](mailto:salfred@atlanta.k12.ga.us)

**Phone:** 404-802-3200

**APS Homework Support:** <http://www.inmanmiddleschool.org>

**Website:** [dralfred.weebly.com](http://dralfred.weebly.com)

<b>Tutorial Hours</b>	Jackson – Howson	Wednesday	4:20 – 5:20 PM
	Rainey (Way)	Monday	7:40 – 8:40 AM
	Ruder	Wednesday	7:40 – 8:40 AM
	Rumph	Thursday	4:20 – 5:20 PM
	Dr. Alfred	Wednesday	4:20 – 5:20 PM

Welcome! This is a student-centered course where we spend time discovering and investigating math concepts based on the critical-thinking and problem-solving rigor of the Georgia Excellence Standards. You will learn how each concept is important in everyday life. Students will work independently, in cooperative groups, with activities using manipulatives, and participate in classroom discussions. Technology is an integral part of communicating math and will be included as often as possible.

### COURSE DESCRIPTION

The rigorous standards demand high quality performance of all students while making provisions for remediation. The objectives of this course is for students to become more confident about lifelong mathematics skills, connect math to real-world applications, participate in problem-solving through group and individual investigations, and develop better math communication skills

### COURSE CURRICULUM CONTENT

UNITS/TOPICS/CHAPTERS	
1. Exponents & Equations	4. Linear Models & Tables
2. Geometric Applications of Exponents	5. Solving Systems of Equations
3. Functions & Linear Function	6. Transformations, Congruence and Similarity

### INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
Glencoe: Georgia Math Volumes 1 and 2 – Replacement Cost - * Students will checkout a personal textbook to use as a resource and occasional homework. Students are responsible for keeping up with the book and will be subject to repayment of the lost item.	TI-30 Calculator Graphing Paper Pencils Notebook Paper Three-Ring Binder

### EVALUATION AND GRADING

Grade Weights	Grading Scale
<b><i>Classwork: 25%</i></b>	A: 90 and above
<b><i>Homework: 10%</i></b>	B: 80 – 89
<b><i>Tests: 25%</i></b>	C: 74 – 79
<b><i>Quizzes: 20%</i></b>	D: 70 – 73
<b><i>Projects/Major Tasks: 20%</i></b>	F: 69 or below

**CLASS EXPECTATIONS:**

Every student is expected to be prepared for class each day. That includes a calculator, notebook and/or paper, pencil, other teacher-requested resources, and a colored pen/highlighter as well as being as being an active participant in class. Students are also expected to exhibit behavior conducive to learning and follow all the policies and procedures that are stated in your student handbook.

**LATE WORK POLICY:** The teacher reserves the right to determine which assignments may be submitted late. An alternative assignment may be given in lieu of a late grade.

**ACADEMIC INTEGRITY**

Instances of cheating should will not impact students’ academic grades. Violations of [policy JFA Academic Integrity](#) will be handled as violations of the student code of conduct and addressed via the progressive discipline guidelines in the Student Handbook. Student mastery of the standards covered by the assignment on which cheating was detected will be reassessed with supervision.

**MAKE-UP WORK:**

1. If a student is absent one day, one day will be given to make up the work missed. Two days, two days will be given, etc.
2. If a student is present when an assignment is given, the student is expected to have the assignment when he or she returns unless arrangements have been made with the teacher.
3. Work given for prearranged absences is due on the day the student returns.
4. Late work is a behavior issue where discipline consequences may be imposed.
5. Late work will only be accepted up to the date of the current unit test.

**PROMOTION POLICY**

Grades 6-8: Students must perform at seventy percent mastery of content standards in English/language arts, mathematics, science and social studies based on the average of the first and second semester grades for any yearlong courses.

Additionally, students in grade eight must demonstrate developing, proficient, or distinguished ratings in reading and mathematics on the initial or retest administration of the Georgia Milestones assessment as required by the state law and state board law.

\*\* All students receiving services through the Special Education Department and/or Section 504, will receive accommodations and modifications as listed in the student’s individualized education plan.

**\*\*\*PLEASE KNOW THAT FROM THE FIRST DAY OF SCHOOL, EXPECTATIONS FOR APPROPRIATE STUDENT BEHAVIOR INSIDE AND OUT OF THE CLASSROOM IS ESSENTIAL. IN ORDER FOR YOU TO HAVE THE GREATEST CHANCES FOR SUCCESS, IT IS CRITICAL THAT STUDENTS MAKE GOOD DECISIONS AND COMMUNICATE IF AND WHEN THERE ARE PROBLEMS THAT MUST BE ADDRESSED.\*\*\***

*This syllabus is intended as a guide and is subject to change due to schedule changes and the needs and interests of the students.*

**STUDENTS ARE REQUIRED TO KEEP THIS SYLLABUS IN THEIR BINDER**  
*Students must keep the attached syllabus as a reference in their math notebook.*

**I HAVE RECEIVED A COPY OF THE MATH SYLLABUS FROM MS. JACKSON-HOWSON. I HAVE READ AND UNDERSTAND THE CONTENT OF THIS SYLLABUS AND WILL SUPPORT MY CHILD IN HIS/HER LEARNING TO THE BEST OF MY ABILITY.**

**Student Name** \_\_\_\_\_

Student Homeroom Teacher \_\_\_\_\_

Student's method of transportation to school \_\_\_\_\_

(If student rides bus, please list bus number)      BUS NUMBER: \_\_\_\_\_

**Parent/Guardian Name** \_\_\_\_\_

Parent/Guardian E-mail \_\_\_\_\_

Home Number \_\_\_\_\_

Cellular Number \_\_\_\_\_ Office Number \_\_\_\_\_

**Parent/Guardian Name** \_\_\_\_\_

Parent/Guardian E-mail \_\_\_\_\_

Home Number \_\_\_\_\_

Cellular Number \_\_\_\_\_ Office Number \_\_\_\_\_

**Parent/Guardian Name** \_\_\_\_\_

Parent/Guardian E-mail \_\_\_\_\_

Home Number \_\_\_\_\_

Cellular Number \_\_\_\_\_ Office Number \_\_\_\_\_

**Student Signature** \_\_\_\_\_ Date \_\_\_\_\_

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

Does student have reliable internet access outside of Inman Middle School? \_\_\_\_\_

**Parents, is there anything you would like me to know about your student?**