

## **Investigations Into Mathematics (IM)**

Welcome back to what is sure to be a fun and exciting year! Your IM teacher has high expectations of you, looking forward to the challenge of guiding you to success in this rigorous algebra preparation course.

### **Teacher**

Mr. Langrock, Fred\_R\_Langrock@mcpsmd.org

### **Expectations**

- Teachers expect students to attempt all homework problems, regardless of whether the assignment is for assessment or for practice.
- Please come to class EACH day with your pencil, calculator, and paper. Other supplies will be recommended from time to time.
- Take advantage of after-school help as needed. Feel free to ask for extra help at any time.

We are responsible for teaching, but you must take responsibility for your learning. How? Be sure to

- Do all assigned work on time; make up work missed from an absence in a timely fashion.
- Ask for help as needed.
- Write all assignments in your data notebook.
- Display appropriate 6<sup>th</sup> and 7<sup>th</sup> grade behavior in class at all times.

### **Grades**

**Summative assessments** (end of unit) will count towards 25% of your grade; **Formative assessments** (quizzes and other assignments) will count towards 65% of your grade; Homework will count towards the final 10% of your grade. There will be no extra credit. For any assignment in which a student makes an attempt to meet the minimum requirements of the assignment, the teacher will enter a grade no lower than 50%.

All assignments are expected to be submitted by the due dates. Work turned in after the due date and prior to the deadline may be dropped no more than one letter grade or 10% of the grade. Due dates and deadlines for assignments in math are often the same day. Work not turned in by the deadline will be considered missing and recorded as 0%.

Students will receive grades reflecting **Learning Skills**. Participation and Assignment Completion grades will be reflected on the report card.

Reassessments will be scheduled by the teacher and will only be given once. If an assignment is determined to be re-assessable, all students will be eligible for reassessment regardless of the grade on the original assignment provided they meet the requirements determined for the particular assessment. (i.e. complete original assignment, complete required assignments and complete reteaching opportunities as determined by the teacher.) Scores earned on the reassessment will **REPLACE** the original grade.

Grades entered in a teacher's electronic gradebook are automatically uploaded to Edline on a nightly basis. Both students and parents should log into Edline regularly to check grades and missing assignments. Students are expected to know their grades, and what, if any, work is missing at all times. There should be no surprises about grades to students or parents; if so, please make sure you contact me. In addition, it would be extremely helpful to enter an active email address in both student and parent Edline accounts; they are used to provide class updates as well as other communication throughout the year.

### **Communication**

One of the most useful ways we have to communicate is your child's data notebook. Please check this daily for information. I can also be reached by email or by calling the school (301-840-4660). In addition, please check Edline regularly to know if you are missing work.

## **Timeline**

Unit 1: Statistical Applications and Set Theory – 5 weeks  
Unit 2: Real Number Systems – 6 weeks  
Unit 3: Investigation of Geometry – 5 weeks  
Unit 4: Patterns, Relations and Functions – 4 weeks  
Unit 5: The Language of Algebra – 5 weeks  
Unit 6: Other Operational Systems – 4 weeks  
Unit 7: Probability – 3 weeks

### **Calculators**

It is strongly recommended that your child have his/her own *scientific calculator*, available at most retail stores for less than \$10. If you and your child choose to purchase a graphing calculator (TI-83+ or TI-84+), it will be a resource used in Algebra 1 and other high school courses.

### **Additional contact information:**

If you have a general question about the math department, or a concern you can not resolve, please contact:

**Deb Sullivan,**  
**MVMS Math Content Specialist**  
**301-840-4660**  
**Deborah\_E\_Sullivan@mcpsmd.org**

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**Dr. Edgar Malter, Principal**

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**Dr. Tiffany Awkard, Assistant Principal**

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**Deborah Sullivan, Math Content Specialist**

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**Mr. Langrock, Teacher**