

# 7<sup>th</sup> Grade Integrated Math – The Collegians

Ms. Amber Richardson

[amber.richardson@jefferson.kyschools.us](mailto:amber.richardson@jefferson.kyschools.us)

## Course Overview

Welcome to Algebra! This is a mathematically challenging course designed to help you learn the main ideas and procedures of algebra as well as gain a deep understanding of them. In this course, you will learn to think mathematically and become a better problem solver, two skills that will be useful in later math courses and in life. You will also have numerous opportunities to see the math you are learning at work in realistic situations. During this course you will develop an understanding of:

- |                           |                                 |
|---------------------------|---------------------------------|
| ❖ Problem Solving         | Linear/Non-linear Relationships |
| ❖ Variables & Proportions | Quadratics                      |
| ❖ Graphs & Equations      | Inequalities                    |
| ❖ Systems of Equations    | Algebraic Expressions           |
| ❖ Exponential Models      |                                 |

## Student Expectations

**In order to maximize your education, it is essential that you be a responsible, active learner.**

1. Be respectful.
2. Participate in classroom activities.
3. Be in your seat and begin your pre-game immediately.
4. Be prepared for class. Bring all materials to class **EACH DAY**. You will not be allowed to return to your locker once class has started.
5. Follow all classroom procedures and school rules.
6. You will not bring drinks, food, seeds, gum, or candy into the classroom.
7. Turn in assignments on time. Late work will NOT be accepted, except for an absence.
8. All student work must be original. **Copying of any nature (test, quizzes, homework, class work, and projects) will result in a grade of zero for all individuals involved, including the person allowing the copying to take place.**

## Materials:

- 1 ½ binder (any color)
- 5 Dividers
- Book Cover – hard back book must be covered
- Loose leaf paper (white only)
- Graph paper
- Pencils (preferably mechanical)
- Pencil sharpener which catches the shavings
- A pack of AAA batteries
- Calculator - students will need access to at least a scientific calculator at home
- 1 Box of Kleenex
- Hand Sanitizer – female students                      Antibacterial Wipes – male students

### **Grading Scale:**

93% - 100% = A

86% - 92% = B

79% - 85% = C

70% - 78% = D

69% or below = U

### **Grading Policy:**

15% - Participation/Discussion/Group Work

15% - Binder

15% - Homework

15% - Class Assignments

10% - Quizzes

15% - Tests and Proficiency Assessments

15% - Performance Assessments/Projects

### **Participation and Discussion**

To meet the challenges of mathematics, you will be expected to actively participate. This means coming prepared, speaking up, interacting with others, explaining and sharing ideas, asking questions and listening to what others have to say. Discussing possibilities and concepts in this way will help you understand mathematics at a deeper level.

### **Binder**

In mathematics, it is essential for students to be organized. Skills are continuous and needed to successfully progress. The binder is a tool used to help students reflect on their work. Students will keep all of their pre-games, notes, class assignments, homework, assessments and resources in the binder. Students will use these materials to help prepare for quizzes, tests and proficiency assessments. Binders will be checked several times throughout the grading period.

### **Homework**

I believe homework is a valuable aid in helping students make the most of their experience in school. I give homework because it reinforces what has been taught in class, prepares students for upcoming lessons and helps students develop self-discipline, responsibility and organizational skills.

Homework is given on a regular basis and is graded based on completion. The problems from each lesson reinforce previously-learned skills and concepts and prepare students for new ones.

- Homework is checked daily. A zero will be given when homework is not completed, not out at the time of check, OR when work is not shown.
- Homework answers will be reviewed in class. Students are expected to make corrections on their homework.
- Work must be shown on all homework.
- **No late work will be accepted.**

### **Class Assignments**

Students are given assignments during class to practice new and previous concepts. These assignments allow teachers to help redirect any misunderstanding. Assignments may be reviewed during class or collected and graded based upon completion.

### **Quizzes, Tests and Proficiency Assessments**

- Quizzes will be given several times throughout the unit. Prepare for quizzes. I recommend you reread the chapter, study all daily work, and review your Math Notes/Toolkit.
- Tests are teacher generated and given at the end of a focus topic. Proficiency Assessments are district generated and will be given at the end of a unit.
- Any student talking or copying answers is not acceptable and, if caught, all involved will receive a zero on the assignment.

### **Performance Assessments and Projects**

Throughout the grading period, students will demonstrate mastery of standards through a variety of assignments. These assignments will be graded on accuracy and students will be notified in advance. Projects may be given throughout the unit to demonstrate mastery of content.

### **Absences and Late Work:**

**Absences: Attend class on a daily basis. It is important that you are here. If you are absent, it is YOUR responsibility to get the make-up work and turn it in on time.** The school attendance policy will be strictly enforced. Assignments will be posted in the room for you to check when you return.

- You must ask for missed assignments three days from date of absence.
- You will have the number of days that you were absent plus one to make up missed work.
- If you miss a test you will make up the missed test in class on the day you return. You are responsible for the daily work missed while making up the test.
- Tests not made up within one week of return will be scored as a zero.
- When absent for a band concert/orchestra/similar activity, due dates for homework/projects/etc. stay the same. Students must turn them in during homeroom before going downstairs for the concert/activity. Work turned in late will result in a zero.

### **Late Work:**

**I do not accept late work.** After three missing homework assignments, I will provide students with an Oops card. They will need to sign it and have a parent/guardian sign the card and return it to me the next day. This policy will continue for every three missing homework assignments.

**Please keep in mind that students who are not in class are not able to participate in discussions and ask clarifying questions. Even when missing assignments are completed, there is no way to make up the lost instructional time. Please make every effort to be present and prepared for class.**

### **In Need of Extra Help**

Every student has the opportunity to succeed in Math. I will do everything in my power to help students reach their full potential, but they must do their part as well. I expect all students to do their best. Please contact me at school any time you have questions, concerns, or compliments! I look forward to working with you this year.

☺A math teacher will be available after school on Wednesdays until 3:30. This time can be used for extra help, a quiet place to do work, or to make up quizzes and tests.

\*\*The teacher has discretion to change syllabus in order to meet student needs.