Sharpsville Area School District
Sharpsville Area Middle school
303 Blue Devil Way
Sharpsville, PA 16150
724-962-7863

Dear Parent(s) / Guardian(s),

      Hello! Welcome to the 2016-2017 school year at Sharpsville Area Middle School. My name is Mrs. Slagle. I am excited about being your child's math teacher for the upcoming school year. Through the use of different types of instruction, I hope to instill an appreciation of mathematics and to help the students realize the significant role that mathematics plays in our everyday life.

      To promote your child's learning, it is important that he/she comes to class prepared. Daily materials should include a notebook for note-taking, paper, and a pen/pencil. (Your child's textbook and a TI-84 calculator will be provided by the school district. The calculators provided will be for in-class use only. If you would like to purchase a calculator for your child, we suggest purchasing a TI-84/TI-84 Plus calculator).

      Enclosed, for your understanding, is a list of my class expectations/rules, consequences of misbehavior, course descriptions/pre-requisites, and my grading policies/procedures. If you have any questions, comments, concerns, or suggestions, please feel free to call me at 724-962-7863, ext. 2001 or e-mail me at rslagle@sasdpride.org . The best time to contact me is from 9:38-10:21 a.m..

      I encourage you to become actively involved in your child's learning, and invite, and welcome, you to our classroom to be an active participant in our learning activities.

Sincerely,

Mrs. R. Slagle

Enclosure

CLASS EXPECTATIONS/RULES

1. Be respectful of other people and their property.

2. Be polite to, and supportive of, one another.

3. Respect school property and treat it with care.

4. Come to class prepared. (Bring notebooks, paper, and pen/pencil).

5. Sharpen pencils and get paper before class begins.

6. Remain seated during instruction time.

7. Give your classmates a chance to speak. (Please do not speak over them).

8. When appropriate, please raise your hand – do not shout out the answer(s).

CONSEQUENCES OF MISBEHAVIOR

Step 1. Verbal Warning

Step 2. Second Verbal Warning

Step 3. One Half Hour (After School) Detention

Step 4. One Hour (After School) Detention

Step 5. Teacher / Student Conference

Step 6. Parent / Teacher / Student Conference

Note: One half hour (after school) detention will **automatically** be assigned for any misbehavior in which you are sent to the hall. For any serious misbehavior, you will be sent directly to the office.

COURSE DESCRIPTION

Integrated Math (8)

This course will cover the fundamental concepts/Assessment Anchors of: **The Number System,** (including real numbers, and approximations of irrational numbers); **Expressions and Equations,** (including exponential expressions, square and cube roots, scientific notation, proportional and non-proportional relationships,(using slope/slope-intercept), solve linear equations, and systems of equations); **Functions,** (including functions, linear vs. nonlinear functions, and linear relationships); **Geometry,** (including object transformations, similarity and congruence, the Pythagorean theorem, and volume); **Statistics and Probability,** (including scatter plots, best-fit linear models, and two-way tables).

COURSE DESCRIPTION

Algebra 2

This course will cover the fundamental concepts of: **Equations and Inequalities**, (including solving linear/absolute value equations and inequalities); **Linear Equations and Functions**, (including functions and their graphs, slope and rate of change, quick graphs of linear equations, writing equations of lines, linear inequalities in two variables, piecewise functions, and absolute value functions); **Systems of Linear Equations and Inequalities**, (including solving linear systems by graphing and algebraically, graphing and solving systems of linear inequalities, and graphing linear equations in three variables); **Quadratic Functions**, (including graphing quadratic functions, solving quadratic equations by factoring, solving quadratic equations by finding square roots, complex numbers, completing the square, the quadratic formula and the discriminant, and graphing and solving quadratic inequalities); **Quadratic Relations and Conic Sections**, (including parabolas, circles, ellipses, and hyperbolas); **Polynomials and Polynomial Functions**, (including using properties of exponents, evaluating and graphing polynomial functions, adding, subtracting and multiplying polynomials, and factoring and solving polynomial equations); Powers, Roots and Radicals, (including nth roots and rational exponents, properties of rational exponents, power functions and function operations, inverse functions, and solving radical equations).

<u>GRADING POLICIES/PROCEDURES</u>

<u>In-Class Work:</u>

In-class work, (both individual and group), will be assigned and graded for correctness and/or completeness. If necessary, homework assignments will also be given.

<u>Open-Ended Problems:</u>

Math problems which require both a "mathematical" explanation and a "written" explanation will be given. Students will learn to write their "thought processes" (step by step) on paper. We will begin with assignments that aren't graded and as the students' comprehension increases, they will then be assessed as graded assignments.

<u>Quizzes:</u>

Frequent quizzes will be given to check your child's understanding and to help monitor your child's progress.

<u>"Anchors" Quizzes:</u>

"Anchors" quizzes will be given frequently and will include "Anchors Flashcards", (a complete "flashcard" packet including the "Anchors"/Answers given at the beginning of the school year).

<u>"Benchmark" Tests/End of Year Final Exam:</u>

Benchmark tests will be given at the end of **each** of the first three nine week grading periods, with a cumulative final exam given at the end of the school year. The tests will be given to monitor student progress throughout the school year.

<u>Projects (Individual or Team) (time permitting):</u>

Class projects will be assessed by using a math rubric. With a math rubric, certain criteria must be met for a child to receive a particular grade (the criteria is clearly defined to the child before the project begins). Every child is capable of receiving an "A" on a project. Your child's grade is dependent upon his/her desire to achieve.

<u>Please Note:</u> Grades will be updated weekly on CSIU – it is your responsibility to check your grade, and to check for any make-up work that you owe.

RETURN THIS FORM TO MRS. SLAGLE

Please review this letter and the syllabus handed out in class. Then, please fill out this information sheet, including student and parent signatures, and return this page to Mrs. Slagle as soon as possible. This will indicate to me that you have seen the expectations for the class and will provide me a way to contact you if necessary. Thank you.

Date:_____

Student Name:_____

Student Grade:_____

Student Signature:_____

_____

Date:_____

Parent /Guardian Name:_____

Parent/Guardian Contact Information:

    Phone:_____

    Do you have Internet access?_____

    E-Mail (optional):_____

Parent/Guardian Signature:_____