 **MATH 7 Plus**

**Salem Middle School**

6150 Old Jenks Road

Apex, NC 27523

(919) 363-1870

**2016-2017**

 **Mrs. Beazlie**

 kbeazlie@wcpss.net

Welcome to the 7th grade! I look forward to getting to know you this year. With everyone’s cooperation, we will have a productive and successful school year. You will notice some changes in

7th grade math so be ready to be engaged and challenged. You will be the biggest decision maker in how far you can go this year! You can continue to expect to be asked to “prove” your solutions and look for multiple ways to get there. It should be an awesome 7th grade year. I am looking forward to working with you on this challenge and know that you will rise to the occasion.

This is a rigorous course that will cover standards from **both the seventh and eighth grade curriculum** in preparation for entering CCMATH I next year (high school course). Students will be expected to reason verbally and quantitatively. This course will encourage students to grow in their ability to reason effectively with concepts in mathematics represented in numbers, graphs, symbols and word problems. The course will emphasize inquiry based learning in mathematics through investigations of meaningful real world situations and encourage students to seek multiple ways to prove an answer. **THE BEST WAY TO MAKE THIS A SUCCESSFUL YEAR IS TO BE ENGAGED! Listen, ask, share, learn!**

**ABSENCES:** It is your responsibility to makeup all work from absences according to the makeup policy in your agenda. My classroom has a homework board where daily assignments are recorded. While blackboard is a good backup, it is best to check in with your teacher upon your return as some assignments may be altered based on the discussions and progress in your particular class.

**COMMUNICATION:**

 **Parents:** It is important that we maintain open lines of communication this year. To help speed up that process, please take a moment to do the following **from each e-mail address** that you would like to be included in contact about your child:

***\*Send an e-mail to*** ***kbeazlie@wcpss.net*** ***with your child’s first and last name in the subject line. Please do not include a message on this e-mail, as I will use it to quickly build my contact list.***

***\*\*\*Per new WCPSS policy teachers will not respond to any student e.mails unless they are sent through***

***the student’s assigned WCPSS e.mail address.***



 **SUPPLIES:**

\*You will need **PENCILS**, paper, and dividers for this class. Optional items

 are: graph paper, handheld pencil sharpener, colored pencils, and highlighters.

 **\*Students are highly encouraged to purchase their own calculator to use in**

 **this course and should purchase a TI-84 series which will serve you**

 **through college.**

**BLACKBOARD** will be one of your main places to go for resources so make sure that you check it often. In addition to posted homework assignments, you will find many resources to use to review material throughout the year. Get familiar with your resources!

**The following is a list of units/topics that we will cover this year in your class.**

**QUARTER 3**

**UNIT 7: Data Collection**

 **and Analysis**

**UNIT 8: Geometric**

 **Properties**

**UNIT 9: Transformations**

**QUARTER 4**

**UNIT 10: 2D and 3D**

 **Geometry**

**UNIT 11: Exponents and Scientific Notation**

**7th GRADE EOG**

**QUARTER 2**

**UNIT 4: Inequalities**

**UNIT 5: Proportional**

 **Relationships & Slope**

**UNIT 6: Probability**

**QUARTER 1**

**UNIT 1: Integers and**

 **Expressions**

**UNIT 2: Operations with**

 **Rational Numbers**

**UNIT 3: Equations**

**GRADING WEIGHTS:**

 **TESTS: 40%**

 **QUIZZES: 25%**

 **SKILLS: 25%**

**HOMEWORK: 10%**

**GRADING SCALE:**

 **90 – 100 A**

 **80 – 89 B**

 **70 – 79 C**

 **60 – 69 D**

**CCODE OF CONDUCT**

**Be engaged!**

**Be respectful!**

**Be Prepared!**

**HOMEWORK:** Homework will be an integral part of your math experience this year. Often, we use the homework for the next day’s activities, so it is imperative that you take care of business on time. You will receive a homework percentage grade for each unit which reflects the percent of homework that was completed **ON TIME** for that unit. You are expected to complete homework 100% of the time in this advanced class. **HOMEWORK MUST BE DONE IN PENCIL!**

**NOTE: YOU MUST TURN IN YOUR BLUE HOMEWORK GUIDE SHEET ON UNIT TEST DAY TO RECEIVE YOUR HOMEWORK GRADE. TAKE CARE OF IT!!**

**SKILLS:** Classwork grades will include a variety of assignments that are graded. Unlike quizzes and tests, these are sometimes assignments that you will have an opportunity to get input on and use resources in class to complete. Examples include daily warm-ups, mini “check ups” to make sure you are mastering material prior to quizzes, and problem sets that spiral information and are given after each unit assessment, lab/class activities, etc.

**QUIZZES:** Quizzes will be summative assessments which will include fewer concepts than the unit tests. These are good sources for you to use to consider your progress and correct your thinking prior to test time. You should ALWAYS rework missed problems when quizzes are returned as this is an excellent tool for you to improve and prepare for the unit test.

**TESTS:** These are summative assessments given on an entire unit. If a student scores lower than 70, they will be allowed to complete corrections and then makeup points up to a 70. Deadlines for this activity and any other requirements to earn those points will be given the day tests are returned.

**KEEP THIS PAGE IN THE FRONT OF YOUR NOTEBOOK FOR REFERENCE**

**THROUGHOUT THE YEAR.**

I have read both sides of this introduction to MATH 7 PLUS:

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Student Signature Parent Signature