

Ms. Wickert's

Math 7

2020-2021

*Guidelines &
Expectations*

Knowing mathematics, requires doing mathematics.

Exploring

Modeling

Making Conjectures

Researching

Making Decisions

Solving Problems

Justifying

Discussing

Investigating

Describing

Predicting

Math 7

Welcome! Moving into 7th grade marks the true beginning of secondary education, thus bringing new levels of academic challenges and achievements.

The Math 7 curriculum consists of an in-depth study of traditional middle grade mathematics with emphasis on mathematical structure and application. The students are introduced to the real number system as they study whole numbers, integers, rational numbers, and irrational numbers. In all areas, the equation and its solution are incorporated. Other key areas of study include geometry; ratio, proportion, and percent; probability and statistics; standard statistical graphs; plotting of solution sets of equations; and problem solving strategies.

The completion of this course at an acceptable level of proficiency requires the student to be actively involved in all lessons and to complete all assignments related to the lessons.

Assignments will be given daily (including weekends), collected, and examined for format and understanding of the concepts.

Upon completion of this course, students will be enrolled in Math 8 or Algebra I. Since Algebra I is an accelerated course students must meet all of the following criteria:

- * Final course grade of 90% or above
- * Homework completion rate of 85% or greater
- * Top quartile of grade level FCASD students on PSSAs/STAR
- * 40 or above on Iowa Algebra Aptitude Test
- * "Above Average" or "Top of Class" on teacher evaluation chart

Students not meeting the listed criteria will continue into Math 8 and will study Algebra I in high school.

Workload Expectations

Homework

Homework will be assigned on a regular basis to reinforce concepts taught in class and to prepare you for the next lesson. Most homework assignments will be worth 2 points although there will be some exceptions.

All homework assignments should include the following heading in the top right hand corner of the homework paper:

1. First and last name
2. Subject and period
3. Date
4. Section and problems

For computation type problems, students should Write Out the Problem and Show All Work.

For problems that require a written explanation, students should use full and complete sentences.

If you do not understand a problem, please write the problem down and circle the number of the problem. An honest attempt should be made for each problem. Homework exceeding one page of paper should be stapled. Please try to staple your homework at home so time is not wasted during class.

*** Homework is worth 10% of the overall grade ***

Weekly Spirals

Spiral Reviews will be assigned each week and will be due at the start of class every Friday unless otherwise stated. Spirals will review topics learned throughout the year and will be a mix of multiple choice, short answer, and free response questions. Once a spiral has been graded and returned, students will have one opportunity to revise incorrect answers and resubmit to earn points back.

*** Spirals are worth 10% of the overall grade ***

Absent

If you are absent, it is your responsibility to stay current with the material. This includes both handing in overdue assignments and working with the class material you have missed. You can use the combination of Schoology and the class website to keep yourself up-to-date.

Tests

Tests will be given 2-3 times during each unit. Tests must be finished in the time allotted.

As a general rule, there will be no retests given in Math 7. I do, however, recognize that extenuating circumstances do occasionally occur. In those rare instances a student may complete test correctives. This will only apply to end-of-unit assessments and will be at the teacher's discretion. Test correctives may earn a student up to a 705 (C-).

*** All test scores that are below an 85%, B, will be sent home to be signed ***

*** Tests are worth 80% of the overall grade ***

Grading Information

Grading Scale

A	= 93% - 100%
A-	= 90% - 92%
B+	= 87% - 89%
B	= 83% - 86%
B-	= 80% - 82%
C+	= 77% - 79%
C	= 73% - 76%
C-	= 70% - 72%
D	= 65% - 69%
F	= 0% - 64%

Final Exam

A common final exam will be given at the end of the year. The score for the final exam will be included in the fourth quarter grade.

End of the Year Grade

Each of the four, 9-week grading periods are worth 25% of your overall grade for the year.

$$\text{Final Grade} = Q1 + Q2 + Q3 + Q4$$

Math Help

I am available for math help most mornings from 7:30 to 8:00 or at lunchtime. If you would like to come for help, please let me know at least one day in advance.

Required Materials

iPad - Please ensure you bring your charged iPad to class each day. If you have class later in the day plan to bring a charger with you.

Books - There is no physical book for this course. Instead, you will be given packets for each individual unit of study. It is essential that you treat these like a textbook.

Three Ring Binder - You need two three ring binders, one to bring to school and use for current material and one to leave at home for material that has already been studied.

At home = 3 inch

In School = 1.5 inch

Paper - You will need a ream of white line paper and also a ream of quarter inch graph paper.

Pencils - All students must use a pencil for note taking and homework assignments, unless using an iPad.

Homework - Homework needs to be done in pencil and include a heading.

Calculators - We will be using the Texas Instrument TI-30XS Multiview Scientific Calculator in class. Many students find it helpful to have the same calculator at home since the iPad calculators do not have the full capabilities of this scientific calculator. I have a set of 30 calculators to use in class, so if you choose to purchase a TI-30XS, it will not be necessary for you to bring your own calculator to school (unless you wish to).

Contact Information for Parents

If you have any questions, comments, or concerns during the year, please do not hesitate to contact me. E-mail works best for me and is the easiest way for me to respond. If you need to call, I am usually available in the mornings from 7:30-8:00. You can call the office at 412-767-5343 and ask the secretary to transfer your call to my room.

Ms. Ashley Wickert

Email: ashley_wickert@cl.fcasd.edu

Voicemail: 412-967-2400 x2014

Website Details

Powerschool

Parents, please make sure you have an active PowerSchool account that accepts e-mail from school. I will send out updates letting you know what we are doing in class, upcoming tests dates, test taking tips, methods that you can use to help your child study, etc.

Schoology

Students are expected to check Schoology on a daily basis for important assignments, dates and announcements pertaining to the class.

Math 7 Website

wickertmath.com

This website is for both students and parents. It contains the same information as Schoology but has more dates and a long-term "forecast" of the class. Those looking ahead or to catch up may find this site useful. There are also various links to FCASD and math-specific resources on the site.

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"It's important to learn math because someday you might accidentally buy a phone without a calculator."

Dear Parents,

Please review these guidelines with your child so that you are familiar with my requirements and expectations for the class. When you are done, please sign, along with your child indicating that you have reviewed the expectations together.

Thank you,

Ms. Ashley Wickert

Student Name: _____

Student Signature: _____

Parent/Guardian Signature: _____

Please include any additional information you would like me to know about your child in the space below.