

2023-2024

PRE-ALGEBRA 7th

Google code: per 2 (pedy716) per

7(zfyn2i4)

Classroom 6

Ms. Franklin

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Throughout 7th Grade the students continue to develop proficiency with the Common Core's eight standards for Mathematical Practice: Make sense of problems and persevere in solving them; Reason abstractly and quantitatively; Construct viable arguments and critique the reasoning of others; model with mathematics; use the appropriate tools strategically; attend to precision; look for and make use of structure; look for and express regularity in repeated reasoning.

Students in 7th grade will: extend and apply many of the concepts they have learned in sixth grade, to discover new types of relationships, new and efficient ways to solve problems, and new ways to analyze and look at data and associations. Students will investigate proportional relationships and use this understanding to solve real-world problems involving discounts, interest, taxes, and scale drawings. Students will study geometric concepts of area, surface area and volume. Seventh-grade students will build off their sixth- grade understanding of integers. They will apply the properties of operations to all rational numbers, so they can efficiently and thoughtfully work with the number system, including how it applies to expressions and equations and inequalities. Lastly, we will explore basic statistics. Students will learn to question what it means to be a representative sample of a population and how to effectively compare different populations. The "why" and "how" of problem solving are emphasized in this course to help students prepare for success in the eighth- grade.



EXPECTATIONS:

- BE RESPECTFUL
- BE RESPONSIBLE
- BE ON TIME
- BE PRODUCTIVE
- BE POSITIVE
- BE TRUSTWORTHY
- BE YOURSELF 😊
- STAY ON TASK!

Discipline 😞
Warning, Talk with
Teacher, Reflect out of
the classroom,
(in the office).
Lunch detention
Conference with Parent

POLICIES:

PLEASE FOLLOW ALL COVID RULES:

- STAY HOME WHEN SICK
- HAND WASHING/SANITIZER VERY
IMPORTANT
- BRING OWN WATER BOTTLE
(DO NOT SHARE!)
- STAY IN ASSIGNED SEATING
FOR YOUR SAFETY AND EVERYONE ELSE'S!
CLEAN AND SANITIZE BEFORE LEAVING
CLASS!

For your mental wellness remember the
alongside app.

[App.alongside.care](https://www.alongsideapp.com)

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EXTRA HELP:

TARGETED ASSISTANCE

Extra help is always available during 8th period. I have a core group of about 8 students that are with me every day, please come in if you need to *make up a test or quiz or need help on your homework.

- You must spend one day in TA reviewing before you can retake a quiz or test



WHAT TO EXPECT
TO LEARN
TO GROW
TO WORK
TO LOVE MATH 😊

- WHAT TO BRING:**
FOLDER AND PENCILS,
BINDER WITH 5 SECTIONS
LINED PAPER
GRAPH PAPER
HIGHLIGHTERS
COLORED PENCILS, ERASERS



DRINK
BRING YOUR OWN
REFILLABLE WATER BOTTLE
NO FOOD ALLOWED!



GRADES

GRADES ARE EARNED, NOT GIVEN!

HW = 15%
QUIZZES = 20 %
NOTES = 10%
TESTS = 25%
GROUPWORK/CLASSWORK
20%
CLASS PARTICIPATION
(expectations above)
10%

ONLINE RESOURCES

KHANACADEMY.COM
CLIFF'S NOTES
MATHSISFUN
FUNBRAIN
HOODA MATH
ARCADEMICS
CORBETTMATHS
IXLMATH
MATH PLAYGROUND

CELL PHONES
MAY NOT BE USED IN
CLASS!



CHECK IT IN WITH
ME
OR LEAVE IT IN YOUR
BACKPACK!

Rigorous teaching and learning for depth of knowledge will guide students to a pathway of proficiency.

The progression of performance towards proficiency are in four tiers, as follows:

1. Knowledge acquisition: Students must recall and restate" just the facts" or recall and reproduce how to "just do it "to answer questions, solve problems, complete tasks, or understand a specific topic correctly.
In summary the GOAL is: just the facts, just do it- recall information, recall how to- answer correctly (in their own words and in complete sentences.
2. Knowledge acquisition: Students must demonstrate and communicate how they can apply knowledge, concepts, and skills or use information and basic reasoning accurately to answer questions, address problems, accomplish tasks, or analyze a specific text or topic successfully.
In summary the GOAL is: show and share or summarize, demonstrate and communicate, specify and explain, give examples and non-examples- apply knowledge, concepts or skills, use information and basic reasoning- establish and explain with examples.
3. Knowledge acquisition: Students must delve deeper to inquire and investigate how they could use complex reasoning supported by evidence to examine and explain actions, answers, analyses, alternatives, or arguments- their own or those made by others.
In summary the GOAL is: delve deeply, inquire and investigate, use critical thinking, problem solve, creative thinking, defend, justify, or refute with evidence, connect, confirm, conclude, consider, or critique- think strategically, use complex reasoning supported by evidence, examine and explain with evidence.
4. Knowledge acquisition: Students must explore and explain how they could use extended reasoning supported by expertise or think extensively how they could connect, transfer, or utilize their learning deep within a subject area, among topics, across the curriculum, or beyond the classroom.
In summary the GOAL is: go deep within a subject area, go across texts and topics, go across the curriculum, go beyond the classroom- think extensively, use extended evidence supported by expertise- explore and explain with examples and evidence over a longer period of time.

