

Textbook: Glencoe Math Course 3 (Volume 1 and Volume 2)

Price to replace textbook: \$15 for each workbook

Course Description: This one-year course is designed to focus on five critical areas: 1) The Number System 2) Expressions and Equations 3) Function 4) Geometry and 5) Statistics and Probability. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, is an integral part of this course. This course fulfills the mathematics requirement for ACC seventh-grade students

I. Course goals....requirement for ACC seventh-grade students.

Real numbers

Perform operations on monomials and numbers written in scientific notation
Use rational approximations to estimate roots and to compare real numbers

Expressions and Equations

Graph equations of the form $y=mx$ and $y = mx + b$
Solve systems of equations algebraically and by graphing

Functions

Use functions to model linear relationships
Investigate nonlinear functions

Geometry

Use the Pythagorean Theorem to find side lengths of right triangles and distances on the coordinate plane
Describe the effect of translations, reflections, rotations, and dilations on geometric figures
Describe transformations that produce congruent and similar figures
Find the volume and surface area of cones, cylinders, and spheres

Statistics and Probability

Construct and interpret scatter plots.
Draw lines of best fit to model data that suggest a linear association

Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

II. Course activities

- a. Assessment: Tests will be given at the completion of each unit. Quizzes will be given at least once a week. **If a student is talking or cheating during a test that student will receive a zero.**

a further mastery of the subject matter 3) student would have to receive a 59% or below before referring to numbers 1 and 2 of the test retake policy. 4) the retake has to be done before the next new test/quiz is given.

b. School-Wide Rules

- Creativity
- a. Follow directions quickly.
 - b. Raise your hand for permission to speak.
 - c. Raise your hand for permission to leave your seat
 - d. Make SMART Choices: Kindness, Leadership, Courage, Invincible Grit,
 - e. Work hard to do your best for your teachers and parents at all times.
- ◆ Keep your eyes on the target.

c. TARDY POLICY – Progressive Steps

- a. 1st Tardy – Warning & Parent Phone Contact
- b. 2nd Tardy – Warning & Parent Phone Contact
- c. 3rd Tardy – Non-TRS RPC
- d. 4th Tardy – After School Detention
- e. 5th Tardy – In-House Suspension (IHS)
- f. 6th Tardy – Required Parent Conference – RPC/Tardy Contract
- g. 7th Tardy – IHS/parent and student meet with the principal

d. BEHAVIOR- Progressive Discipline

- a. 1st Incident – Verbal warning
- b. 2nd Incident - Parent contact by teacher
- c. 3rd Incident – Written contact to parent
- d. 4th Incident – Counselor referral
- e. 5th Incident – Deans’ referral

e. Supplies needed for this course

- a. One composition book or spiral notebook
- b. Folder and section in binder for assignments and handouts
- c. Lots of sharpened pencils, or mechanical pencils. **(YOU MUST HAVE PLENTY OF YOUR OWN LEAD) Lead will not be provided for you. If you use a mechanical pencil, make sure you have spare pencils as a backup.**
- d. One box of colored pencils, or red ink pen for correcting.
- e. Lined paper to use for homework or classroom assignments....to be replaced as needed.
- f. One white board marker...to be replaced as needed.
- g. Calculator with a square root sign on it.
- h. **All work is to be done in pencil (*not pen*).**

- f. Utilizing technology to learn – At Leavitt, we want to encourage the daily use of technology in and out of the classroom to further enhance the educational experience. As such, Leavitt will be providing students with individual devices in all

grades to utilize in class and at home. Students will also be provided with a Google email address to correspond with their teacher and classmates on projects, as well as to turn in assignments. Students may choose to utilize their own electronic tablets (iPads, Kindle Fire, Samsung, etc.) cell phones, laptops, and reading devices for educational purposes. Please be reminded that your student is responsible for the safety of their personal device and must utilize the district's Wifi to ensure their internet safety. All use of these devices will be for educational purposes and must be approved by the individual teacher.

g. Teacher's hours of availability

- a. I am available Monday thru Friday during the hours of 8:30-9:00 and after school from 3:20 to 3:41 pm, or you can arrange a conference through the office 799-4699.