



COURSE OUTCOME:

Course Description: In Grade 7, our instructional time will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Curriculum: The Knox County Curriculum is aligned with the Tennessee State Mathematics Standards Grade Seven. At the beginning of each module we will send a list of the learning objectives and some useful resources. For more information about TN State Mathematics Standards please visit <http://www.tn.gov/education/standards/math.shtml>.

INSTRUCTION:

Topics:

- Module 1A: Integer Operations
- Module 1B: Rational Number Operations
- Module 2: Equations & Inequalities
- Module 3: Unit Rates & Proportions
- Module 4: Probability & Statistics
- Module 5: Geometry

Materials Needed:

- Pencils
- 5-subject spiral notebook
- Glue sticks
- Post-it notes
- Ruler with inches and centimeters
- Highlighters with 4 different colors

**Resources:**

Textbook: *Math Connects: Course 2* (2012)

Websites: www.discoveryeducation.com

www.mathtv.com

www.khanacademy.com

www.brainpop.com

www.kutasoftware.com

http://www.livebinders.com/play/play_or_edit?id=330579 (Dan Meyer 3 Act Tasks)

www.showme.com

**Other websites may be used. You will be notified in advance.

If you do not approve of a specific resource listed in this syllabus, please make your request to me in writing and an alternative assignment and/or materials will be provided. The request should include your name, the child's name, the specific activity/materials in which you do not want your child to participate or to which you do not want them exposed, and the nature of your objection.

ASSESSMENT:**Grading Policy, Rubrics, and Expectations:**

Grades will be weighted according to reporting categories in the following manner:

Number Systems – 25%

Ratios & Proportions – 25%

Expressions & Equations – 25%

Probability & Statistics – 15%

Geometry – 10%

Within each reporting category, students will be assessed in a variety of ways including:

Module Tests – 400 points

Standards Based Quizzes – 40 points

Homework/Notebook Checks – 4 points



Explanation of Assignments & Projects

Module tests will include assessments over each module's standards.

Standards based quizzes are short assessments over the basic skills in each module.

Homework/Notebook checks are assignments that provide practice and enrichment on individual skills.

Make-Up Work Policy/Late Work Policy

Make-Up Work: Students are responsible for getting and turning in make-up work when they are absent. The work should be labeled as make-up work and should be completed as soon as possible.

Late Work: Late work is discouraged. In mathematics, each day builds on the previous day's work. It is important to complete work in a timely manner. Turn in all completed work as soon as possible.

Unfinished Work: In the event that you are unable to complete an assignment due to your difficulty in understanding the material, do not spend all night on the homework. Complete the work you understand and bring it to class. (Homework should never take more than thirty minutes to complete.)

Progress Reports:

In addition to the 4 ½ weeks progress reports, please use parent portal to check your child's grades on a regular basis.

GENERAL EXPECTATIONS:

Classroom Policy/Procedures:

BE RESPECTFUL: Treat others the way you want to be treated. Act the way you know you should, even when no one is looking. Take care of your school. Be kind to others. Listen to others while they are speaking. Keeping the bathrooms clean and orderly.

BE RESPONSIBLE: Take credit for what you do right. Admit when you might have done something you shouldn't have. Ask for help when you need it.



BE READY: Do your homework. Bring your materials. Study for tests. Begin happy. Get ALL materials you need when at your locker and go directly to designated area.

BE RELIABLE: Attend class regularly. Do what you promise you are going to do. Always tell the truth.

BE A ROLE MODEL: Do your own work. Be a force for good. Do the right thing, even when it is difficult.

Every day, you need to be HAPPY by bringing your materials:

- Homework
- Agenda
- Paper
- Pencil
- Your Books

Communication:

Always include your child's name and your name in any communication you send.

Email: The best way to communicate with me is through email. My email address is james.paschal@knoxschools.org.

Phone Message: Call the school and leave a message. I will return your call as soon as possible.

Note: Give your child a written message to give to me. I will respond as soon as possible.

Remind: You may sign up for either text alerts or emails. I will use Remind to inform you of upcoming events. Remember that standard text messaging rates will apply.

I look forward to working with you as we explore seventh grade mathematics. If you ever need anything, please feel free to contact to me.

**Bryan Paschal
Seventh Grade Mathematics
Gresham Middle School**