



COURSE OUTCOME:

Course Description: 7th Grade Honors Mathematics completes the seventh grade mathematics curriculum and the Honors Pre-Algebra curriculum through a modeled instruction approach that facilitates maximum interchange of ideas among students: independent study, self-directed research and learning, and appropriate use of technology. Upon successful completion of this course, students will be prepared for Honors Algebra I in the 8th grade.

Curriculum: The Knox County Curriculum is aligned with the Tennessee State Mathematics Standards Grade Seven and Tennessee State Mathematics Standards Grade Eight. 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 1: Rational & Irrational Numbers
- Module 2: Equations & Inequalities
- Module 3: Unit Rates & Proportions
- Module 4: Probability & Statistics
- Module 5: 2-D & 3-D Figures
- Module 6: Geometric Relationships & Constructions
- Module 7*: Exponents & Scientific Notation
- Module 8*: Transformations

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

www.showme.com

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

**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



In the event the district elects to give a midterm, each of the weights of the reporting categories will be reduced by the appropriate amount and redistributed to a new category, Midterm. In the past, the midterm has been 15 percent of the first semester grade.

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.

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.

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. See the Remind handout. Remember that standard text messaging rates will apply.

I look forward to working with you as we explore 7th Grade Honors Mathematics. If you ever need anything, please feel free to contact to me.

**Bryan Paschal
Seventh Grade Mathematics
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