Course Description:
The Knox County Middle School Math Curriculum is aligned with the State of Tennessee Standards for Mathematics. For a list of the state standards, visit the state website at [http://www.tn.gov/education/standards/math/math6th.pdf](http://www.tn.gov/education/standards/math/math6th.pdf)

**SIXTH GRADE**
In grade six, your child will learn the concept of rates and ratios and use these tools to solve word problems. Students will work on quickly and accurately dividing multi-digit whole numbers and adding, subtracting, multiplying, and dividing multi-digit decimals. Students will extend their previous work with fractions and decimals to understand the concept of rational numbers. Students will also learn how to write and solve equations and apply these skills in solving multi-step word problems.

**Tennessee State Standards (Common Core Standards)**
The Tennessee State Standards (formerly known as the Common Core State Standards) are a set of standards for math that were developed by state leaders to ensure that every student graduates high school prepared for college or the workforce. The standards are designed to set clear expectations of what students should know in each grade and subject. They reflect rigorous learning benchmarks when compared to countries whose students currently outperform American students on international assessments. These standards will require new approaches to teaching, and students should expect enhanced rigor in their course. Specifically, students will be required to master more critical thinking and problem-solving skills.

*Source: Adapted from TN Core and the Department of Education Website: [www.tncore.org](http://www.tncore.org)*

<table>
<thead>
<tr>
<th>6th Grade Pacing Guide</th>
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<tbody>
<tr>
<td>Module #</td>
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Materials Needed:
1. Notebook paper and Pencils (numerous) to be replaced throughout the year.
2. 70 page spiral notebook
3. 2 pens for grading
4. 5 dividers (without pockets)
5. Calculator Recommendation: TBA

Resources:
School-based: textbook and supplemental workbooks, technology, film clips/audiovisuals (G rating), etc.
Textbook: Glencoe McGraw-Hill – Math Connects Course 1
(A link to the online textbook will be provided on my class website.)

Outside Resources: SmartBoard resources and Study Island will be used as they pertain to curriculum.
Objectionable Material: If you do not approve of a specific resource listed here, please make your request to me in writing and an alternative assignment and/or materials will be provided. The request should include your name, your student’s name, the specific activity/materials in which you do not want your child to participate and to which you do not want him/her exposed, and the nature of your objection.

Assessment:
Grading
Knox County Grading Scale

<table>
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<tr>
<th>Percentage</th>
<th>Grade</th>
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<tr>
<td>93-100</td>
<td>A</td>
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<tr>
<td>85-92</td>
<td>B</td>
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<tr>
<td>84-75</td>
<td>C</td>
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<tr>
<td>70-74</td>
<td>D</td>
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<tr>
<td>0-69</td>
<td>U</td>
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Grades will be calculated using separate categories per semester:

<table>
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<tr>
<th>Category</th>
<th>Weight</th>
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<tbody>
<tr>
<td>1st Semester</td>
<td>50%</td>
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Report Cards
Each student will receive a progress report every 4 ½ weeks, 9 weeks, 13 ½ weeks of each semester. Student grades at the end of each semester will be averaged for the student’s final grade.

Explanation of Formative Assessment and Summative Assessment:
Formative Assessment
Homework
Homework will be given on most nights. Homework is limited to 10-15 problems. Homework reinforces the material taught in class. Each homework assignment will be reviewed/graded at the beginning of class the following day.

Make-up work/Late work
If a student has an excused absent, he/she will need to follow these guidelines to obtain his/her homework assignment for the missed class:
1. Check my webpage on ASPEN.
2. Call a dependable friend or classmate for the assignment.
3. After student returns to school check the make-up box in the back of my room.

Each student is responsible for making up any missed assignment, quizzes, and/or test. The student must schedule a time for any make-ups the day he/she returns to school. If the student does not make up the work missed within the allotted time frame, then he/she will receive a 10% penalty per day on the missed work. Please refer to the Karns agenda book for the school-wide policy regarding make-up work for an excused absence.

DOM (Daily Math Review)
Students will do 1-5 review problems each day. They should keep these problems in their math notebook to use as a review for quizzes, test, and the TCAP test. The students will also have a quiz each Friday over the DOM problems that they have covered counting for 100 points.
Quizzes
Quizzes are given during each unit; usually every 2-3 lessons. Some quizzes will be pop quizzes and some will be announced. Quizzes allow the student to practice skills prior to a unit test. Each quiz will count 100 points.

Summative Assessment
Unit Test
At the end of each module, students will take a Knox County Math Test. Students are not allowed to bring the test home. All tests will be discussed in class and the students score will be entered in ASPEN. Unit tests will count 100 points.

TNReady
The TNReady test will be administered in February and April. The TNReady test will count 15% of the student’s final grade.

Communication:
You may view your child’s grades on the ASPEN page. This prevents “surprises” at the end of the nine weeks. ASPEN is a vital tool for both the student and the parent. The grades on Parent Portal will be updated at least once a week. Please allow extra time for make-up work to show up on Parent Portal. If you communicate through e-mail, phone, or Aspen messages please allow 24 hours for a response.

Religion:
Per Tennessee State Board of Education Policy, the following must be posted in this syllabus (Religion is a not a topic covered in this Mathematics course.):

Board Policy I-431

Issued: 7/95 Revised 6/08

The Board affirms that it is essential that the teaching about religion— and not of a religion be conducted in a factual, objective, and respectful
manner in accordance with the following: Music, art, literature, or drama with a religious theme or basis are permitted as part of the curriculum for school-sponsored activities and programs, provided it is essential to the learning experience in the various fields of study and is presented objectively; the emphasis on religious themes in the arts, literature, and history shall be only as extensive as necessary for a balanced and comprehensive study of these areas. Such studies shall never foster any particular religious tenets or demean any religious beliefs; and student-initiated expressions to questions or assignments which reflect their beliefs or non-beliefs about a religious theme shall be accommodated. For example, students are free to express religious belief or non-belief in compositions, art forms, music, speech, and debate.

General Math Rules:
1. Work must be completed in pencil.
2. Students are to show **ALL** work to receive credit.
3. No late work will be accepted.
4. Bring math binder, pencil, colored pen, and calculator to class each day.
5. Extra help will be provided between 8:00 AM and 8:30 AM. Announcements will be made regarding other opportunities for extra help.

**Plagiarism**
According to Harbrace Handbook, 15th Edition:
"Plagiarism is defined as presenting someone else’s ideas, research, or opinion as your own without proper documentation, even if it has been rephrased. It includes, but is not limited to the following:
1. Copying verbatim all or part of another’s written work;
2. Using phrases, figures, or illustrations without citing the source;
3. Paraphrasing ideas, conclusions, or research without citing the source;
4. Using all or part of a literary plot, poem or film without attributing the work to its creator."

**Consequences of Plagiarism**
Plagiarism is a form of stealing and academic fraud. Students found guilty of plagiarism will have the option of either redoing the assignment within a specified time period and accepting a letter
grade drop or taking a zero on the assignment. Parents will be involved in making this decision.

Sincerely,
6th Grade Math Department

[Student Signature/Date] [Parent Signature/Date]
Please complete the information listed below and return to Mr. Renfroe.

_____________________________  _________________________________________
Student’s name  Student Signature/Date
Homeroom teacher

_____________________________  _________________________________________
Parent/Guardian 1’s name  Parent/Guardian 2’s name
Parent/Guardian 2’s name

_____________________________  _________________________________________
Home phone number  Home phone number

_____________________________  _________________________________________
Parent/Guardian 1’s work phone number  Parent/Guardian 2’s work
phone number

_____________________________  _________________________________________
Parent/Guardian 1’s cell phone number  Parent/Guardian 2’s cell
phone number

_____________________________  _________________________________________
Parent/Guardian 1’s email address  Parent/Guardian 2’s email address

**Please indicate the best way to reach you by circling your preference.**

Sincerely,
6th Grade Math Department  _________________________________________
Student Signature/Date

Parent Signature/Date