



**Cedar Bluff Middle School**  
6<sup>th</sup> Grade Math Syllabus  
Rhonda Kirby, Lindsay Lewis, Nadine Raines  
2019-2020



***The mission of the Knox County Mathematics Department is to provide vision, leadership, and instruction so that all students will develop their mathematical potential to function successfully in a global society.***

**COURSE OUTCOME:**

- **Course Description:**
  - The skills and understanding that your child will gain during 6<sup>th</sup> grade is among the most important foundations for college and career readiness. These include working with ratios and rates and working with variables and variable expressions – the building blocks of algebra. Many of this year's topics will remain a major emphasis throughout the middle school years and into high school. 6<sup>th</sup> grade honors math students will also learn part of the 7<sup>th</sup> grade content.
- **Curriculum:**
  - Math follows the TN Ready State Standards
  - For a copy of the pacing guide, as well as Knox County standards, please contact your child's teacher.

**INSTRUCTION:**

- **Major Work of the Grade**
  - **Fluency will be expected in multiplication and division, as well as when working with fractions and decimals.**
  - Understand ratio concepts and use ratio reasoning to solve problems.
  - Apply and extend previous understandings of arithmetic to algebraic expressions.
  - Apply and extend previous understandings of numbers to the system of rational numbers.
  - Reason about and solve one-variable equations and inequalities.
- **Materials Needed:**
- 2 Expo markers
- 1 1/2" binder
- pencils (pack of 12+)
- 1 pack of paper
- **Other items that MAY be necessary dependent on teacher**
  - red ink pens
  - post-it notes
  - spiral notebook
  - deck of cards
- **Optional:**
  - TI 30 Multiview XS Calculator
- **Resources:**
- Houghton Mifflin Harcourt: Go Math Middle School Grade 6
- Ancillary resources include: Teachertube.com Video Clips, Scholastic Math Magazine, Discovery Education, Schooltube.com Video Clips, Eureka Math, Brain Pop, Teachers Pay Teachers Resources, Kuta Software, TED Ed clips, Brain Games, YouTube, Prodigy math game, AIMS Web Plus, Learn Zillion, Math TV, Muzology, Bill Nye the Science Guy, and Delta Math.

**ASSESSMENT:**

- **Test Security:**
  - Math tests are designed by the CBMS Math Department. They will not be sent home. If you would like to view the test, please contact me via email to set up a time.
- **Competencies:**
  - This curriculum is developed for on-grade level 6<sup>th</sup> grade students.
- **Grading Policy:**
  - Grades will be calculated from an average of each category.
  - 1st Semester:
    - Tests/Projects 25%
    - Quizzes 35%
    - Classes/Homework 40%
  - 2<sup>nd</sup> Semester:



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- Tests/Projects 20%
  - Quizzes 30%
  - Classwork/Homework 35%
  - TNReady 15%
- All grades will be given based on the following scale:
    - A 93-100; B 85-92; C 75-84; D 70-74; F 0-69
  - **No extra credit will be given as per Knox County policy.**
  - **Assignments:**
    - All work will be kept in the students' 3-ring binders. Students must keep their binder up to date in order to receive credit.
    - Knox County Exams
      - There will be module exams throughout the year. These exams are written by the Cedar Bluff Mathematics Department. *Exam notice will be given at least two class days in advance. Notices will be posted in the classrooms or in parent emails.*
    - Quizzes will be announced and unannounced.
    - Homework is expected to be completed and turned in the following class period. Students who fail to turn in homework may be subject to a working lunch or loss of privilege, as well as a **deduction** in grade.
    - Throughout all assignments, students will be asked to implement mathematical practices for problem solving.
  - **Make-Up/Late Work Policy:**
    - Make-up work for an excused absence is due within 5 school days. It is the student's responsibility to follow the class procedure to get absent or late work.
    - Late work:
      - Late work will result in loss of points.
      - Late work will only be accepted for 2 weeks past the deadline or until the day of the assessment (whichever comes first).
  - **Aspen:**
    - Ways in which I communicate with the students and parents are through Aspen and/or e-mail. In order to give timely feedback, I will update grades weekly.

**GENERAL EXPECTATIONS:**

- **Students:**
  - Attendance to all classes is mandatory. Concepts taught each day build on the previous day. If an absence does occur, the student is responsible for getting all missing assignments.
  - Classroom policies correlate to CBMS's school-wide behavior plan. Rewards and discipline strictly abide by the school policy and sixth grade policy.
  - Honor Code:
    - Each student will work to his/her full potential.
    - Each student will treat all members of the class with respect.
    - Each student will be honest and consider the integrity of his/her actions.
- **Teacher:**
  - Communication Strategy:
    - Email: [nadine.raines@knoxschools.org](mailto:nadine.raines@knoxschools.org)
    - Phone: (865) 539-7891
    - Conference Availability: All 6<sup>th</sup> grade conferences are scheduled through the school office. Conferences will be made with a student's entire team of teachers between 2:45 - 3:30pm. Please schedule a conference after talking or emailing the teacher(s).



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I acknowledge that I have seen the CBMS 6<sup>th</sup> grade math syllabus.

\_\_\_\_\_  
Student Name (Print)

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Name (Print)

\_\_\_\_\_  
Parent Signature