

C. T. Walker Traditional Magnet School  
6<sup>th</sup> Grade Math Syllabus  
“Learning Today...Leading Tomorrow”

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**Textbook:** *Go Math Middle School Grade 6* by: Houghton Mifflin Harcourt

**Course Description:**

In Grade 6, instructional time focuses on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

**Course Outline:**

	<b>Unit</b>	<b>Time Length (approximately)</b>
<b>Unit 1</b>	<b>Number System Fluency</b>	<b>4 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 2</b>	<b>Rate, Ratio and Reasoning Using Equivalent Fractions</b>	<b>4 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 3</b>	<b>Rational Explorations: Numbers and their Opposites</b>	<b>3 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 4</b>	<b>Expression</b>	<b>4 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 5</b>	<b>One-Step Equations and Inequalities</b>	<b>4 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 6</b>	<b>Area and Volume</b>	<b>3 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 7</b>	<b>Statistics</b>	<b>3 weeks</b>
	<b>Assessment/Enrichment/Remediation</b>	<b>1 week</b>
<b>Unit 8</b>	<b>7<sup>th</sup> Grade Preview</b>	<b>3-4 weeks</b>

**Required Course Materials:**

- |   |                           |                                |              |
|---|---------------------------|--------------------------------|--------------|
| 1. Gallon Ziplock bag   | 4. Glue sticks (2 or 3)   | 9. Red pens (2)                | 14. scissors |
| 2. Composition Book: wide-ruled, 200 sheets minimum, 9 ¾ in x 7 ½ in, white paper | 5. Expo markers           | 10. Pencils (4)                |              |
| 3. Highlighters   | 6. Assorted color pencils | 11. Hand-held pencil sharpener |              |
|   | 7. Crayola Markers        | 12. Scientific calculator      |              |
|   | 8. Three- rings folder    | 13. Headphones                 |              |

**Grading Policy:**

Tests/Projects/Culminating Task	40%
Quizzes	20%
Classwork/ TOTD	30%
Homework	10%

## Course Assessments:

### Classwork

Classwork grades will include Learning Tasks, In-Class Assignments, and Tickets-Out-the-Door (TOTD).

### Homework

At the beginning of each grading period, students will receive 100 points for homework. The homework will be randomly checked by the assigned instructor. Students are expected to complete at least 90 % or 5 points will be deducted from their homework grade. Homework is given regularly with the purpose of reinforcing what was covered in class. It is imperative that you complete all homework. If your child is absent you can check the homework assignment on the instructor's web page.

### Test and Quizzes

Test will be announced; however, quizzes may not be. Therefore, it is important to study notes and other materials covered in class for homework each night. There will be several quizzes given each so students can determine whether they're adequately progressing.

### Make-up Work

It is the student's responsibility to make up missed work. Students must provide an excuse for their absence(s) when they return to school in order to make-up and submit missed assignments. All work must be made up within the specific given time frame (e.g. 48 hours after receiving make-up work).

### Cheating

Cheating is not tolerated here at C. T. Walker Traditional Magnet School and is **HIGHLY** discouraged. Cheating on an assignment will result in a grade of "0" on the assignment and 5 hours of detention.

### Classroom Expectations:

1. Be on Time and In Your Seat.
2. Sit Down Immediately, look at the board to read the Topic, Standard of the Day , EQ (Essential Question) and begin with the Math Minute.
3. Bring materials to class daily – Math Kit (Math Folder, MIN (Math Interactive Notebook), Pencil/Pen, and handheld sharpener etc.)
4. No Eating or Drinking in class.
5. Pick up any paper and discard at the end of class.
6. Be Respectful to Everyone in the class.
7. Make your Parents/Guardians Proud
8. Have the "I can do it" attitude!

### The Richmond County School System Grading Scale

**A:** 100-90    **B:** 80 – 89    **C:** 75- 79    **D:** 74 – 70    **F:** 69 and below (Unsatisfactory; did not meet the expectation)

**\*I reserve the right to adjust the course work and/or differentiate instruction as needed to meet the needs of students and ensure academic success. I look forward to working with you and your child.**

2016- 2017

6<sup>th</sup> Grade Mathematics

C. T. Walker Magnet School

Please complete the form below verifying that you have reviewed this syllabus.

Students and Parents/Guardians, by signing this syllabus, you are hereby considered knowledge of the requirements outlined for this 6<sup>th</sup> Grade Math Course. (Please turn in this portion to Mrs. Simmons. The two pages syllabus should be placed in the back of your MIN.)

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Class Period \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The above signatures acknowledge that (student and parent) are in agreement with the information covered in the 2016-2017 C. T. Walker Sixth Grade Math syllabus.

*Parents, if you have any questions or concerns, please contact me via email if possible. I will get back to you as soon as possible. Thanks.*

