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**Room: 249**

## Grade 7 Accelerated Math Syllabus

**Course Description:**

In the second year of Accelerated Math instructional time should be focused on these six critical areas: (1) developing understanding of operations with rational numbers and working with expressions and linear equations; (2) 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; (3) drawing inferences about populations based on samples; (4) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (5) grasping the concept of a function and using functions to describe quantitative relationships; and (6) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean theorem.

**Units of Study:**

SEMESTER I	SEMESTER II
Grade 7 Module 4: 17 Days Percent and Proportional Relationships (Accelerated GSE 6/7 Unit 3)	Grade 8 Module 3: 15 Days Similarity (Accelerated GSE 6/7 Unit 6)
Grade 7 Module 5: 17 Days Statistics and Probability (Accelerated GSE 6/7 Units 2&3)	Grade 8 Module 4: 27 Days Linear Equations (Accelerated GSE 6/7 Units 8&10)
Grade 7 Module 6: 11 Days Geometry (Accelerated GSE 6/7 Unit 1)	Grade 8 Module 5: 3 Days Examples of Functions from Geometry (Accelerated GSE 6/7 Unit 7)
Grade 7 Module 6: 13 Days Geometry (Accelerated GSE 6/7 Unit 1)	Grade 8 Module 5: 7 Days Examples of Functions from Geometry (Accelerated GSE 6/7 Unit 7)
Grade 8 Module 1: 13 Days Integer Exponents and Scientific Notation (Accelerated GSE 6/7 Unit 5)	Grade 8 Module 6: 13 Days Linear Functions (Accelerated GSE 6/7 Unit 9)
Grade 8 Module 2: 17 Days The Concept of Congruence (Accelerated GSE 6/7 Unit 4)	Grade 8 Module 7: 24 Days Introduction to Irrational Numbers Using Geometry (Accelerated GSE 6/7 Units 5&6)
Grade 8 Module 3: 2 Days Similarity (Accelerated GSE 6/7 Unit 6)	



**Materials Needed:**

<b>Textbook</b>	Eureka Math Consumable Textbook – Provided throughout program as units progress
<b>Online Resources</b>	<a href="http://www.KhanAcademy.com">www.KhanAcademy.com</a>
<b>Online Access Class Code</b>	<b>R8CWGMGAR</b>

**Class Culture:**

In Accelerated Math a classroom culture of trust and acceptance is the foundation for establishing an environment in which students are empowered and comfortable with providing feedback to continuously improve classroom teaching and learning. A typical class period there is a relaxed atmosphere where all students are engaged, participation and questions are highly encouraged. Instruction is driven by needs of the students. Direct instruction is adjusted to stimulate productive struggle. Flexibility and deviation from plans necessary at times to take advantage of teachable moments.

**Grading:**

Westside utilizes a standards based grading system that uses a scale from 1-4

- 1 – Standard Not Met
- 2 – Approaching Standard
- 3 – Standard Met
- 4 – Exceeding Standard

Infinite Campus will be the student information system used by Westside. Login information will be provided.

**Student Work:**

Notebook organization is an ongoing processing skill. The student's notebook is a resource for curriculum material and it should be consistent with the material that has been distributed in class. Student work will be sent home every four weeks. It will be the student's responsibility to share this work with you. A signature card will be included for both the parent and student to sign indicating that the work has been reviewed and discussed.

Tests and quizzes are given in class. At times students may be permitted to complete test either at home or over the course of two days. Quizzes are done in class and are to be completed in class.

**Homework:**

Students are expected to complete Problem Sets in the Eureka Math Textbook at the ends of each lesson in conjunction with Khan Academy Topics. All problems in Problem Sets are to be completed unless otherwise stated by the instructor. Homework in the Eureka Math Textbook is posted in class on the board weekly. Students are expected to write homework assignments in their agenda weekly. Khan Academy homework is assigned on Khan Academy weekly. Khan Academy assignments can be located under the Assignments section of the Learner Home.



**Late Work:**

Students are expected to manage their time to complete assignments weekly. Late assignments are not accepted due to the pace of the Accelerated Math program.

**Absence Make-Up Work:**

Homework is assigned weekly. Students are expected to complete homework as it is assigned regardless of absence. If an expected absence is to occur, students are to make allowances to complete homework ahead of time. In the case of an unexpected absence, students are to complete missed work in their own time. Students absent for a test or quiz are required to complete the test or quiz upon return.

**Technology Policy:**

Westside Atlanta Charter School (WACS) retains sole right of possession of all iPads, Chromebooks and related equipment (now referred to as “device”). Devices will be issued to students according to the guidelines set forth in the WACS technology contract. The technology team and school administration retain the right to inspect and/or collect a device at any time and to alter, add, or delete installed software or hardware. In order to be able to access a school-issued device, each student must have a signed technology contract on file. This contract must be signed by the student and the parent to show agreement.

**Uniforms:**

**MIDDLE GRADES (5TH - 8TH GRADES)**

BOYS	GIRLS
<p style="text-align: center;">Tops:  <b>OXFORD shirts (long or short sleeved)</b>            White, Light Blue            Westside logo optional</p>	<p style="text-align: center;">Tops:  <b>OXFORD shirts or blouses (long or short sleeved)</b>            White, Light Blue            Westside logo optional</p>
<p style="text-align: center;">Bottoms:            Khaki pants or shorts</p>	<p style="text-align: center;">Bottoms:            Khaki pants, shorts, or skirt</p>
<p style="text-align: center;">Shoes:            Closed toe athletic shoes</p>	<p style="text-align: center;">Shoes:            Closed toe athletic shoes</p>
<p style="text-align: center;">Classroom Outerwear:            Westside sweatshirt            Plain* navy blue fleece, sweater, or vest  <b>NO HOODS OR HATS</b>            *Westside logo optional, no other logos permitted</p>	<p style="text-align: center;">Classroom Outerwear:            Westside sweatshirt            Plain* navy blue fleece, sweater, or vest  <b>NO HOODS OR HATS</b>            *Westside logo optional, no other logos permitted</p>
<p style="text-align: center;">Playground/P.E. Outerwear:            Students may wear any coat/outerwear of their choice outside the building or in the gym</p>	<p style="text-align: center;">Playground/P.E. Outerwear:            Students may wear any coat/outerwear of their choice outside the building or in the gym</p>

**Purchasing Uniforms:**

Uniforms can be purchased from a variety of retailers including Target, Walmart, Old Navy, Lands End and Zeus’ Closet. Westside Sweatshirts and logoed oxford shirts can be purchased at school. There is a gently used uniform closet in Catherine Perry’s office (media center) available to all Westside families.



**Parent/Student Handbook:**

The parent/student handbook is an important resource that details the expectations for Westside students and their families. It is important that both the student and their parents read the handbook which is available on the Westside website.

**Additional Information:**

- Progress reports will be sent home every 3 weeks. Progression toward standards will be reflected on progress report.
- Students are encouraged to communicate with each other and instructor throughout course.
- Communication between students, parents, and instructor is most effective on ClassDojo, email, or text.

NOTE: This course syllabus provides a general plan for the course. Deviations may be necessary.



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Dear Parent(s):

Please review and discuss this syllabus with your student. Please sign below indicating that you and your student have read and understand the parent/student handbook and the syllabus for this class.

Student's Printed Name: \_\_\_\_\_

Student's Signed Name: \_\_\_\_\_

Parent's Printed Name: \_\_\_\_\_

Parent's Signed Name: \_\_\_\_\_

**\*\* Please return this sheet to your student's teacher.\*\***