

Yeager Middle School 7th Grade Accelerated Mathematics Course Syllabus 2019 – 2020

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Teacher Name: Mrs. Roxanne Purcell

Planning Periods: 3rd and 4th

Tutoring Times: 7th Grade lunch (students may bring their lunch to the room) and after school by appointment

Goal: The middle school 7th Grade Accelerated Mathematics course is designed to assist students to develop a deeper understanding of numbers, learn to solve multi-step equations, express different representations of rational numbers (e.g., fractions, decimals, and percent's), understand solving problems with geometric figures, and to apply the statistical aspects of mathematics to measures of center, variability and population. This is a rigorous course that will cover the remaining 7th grade mathematics standards and all of the 8th grade mathematics standards. It will prepare students for the 7th Grade End of Grade assessment in Mathematics aligned with the Georgia Performance Standards.

Content:

Accelerated GSE 7B/8 Curriculum Map									
1 st Semester					2 nd Semester				
Click on the link in the table to view a video that shows instructional strategies for teaching each standard.									
Unit 1 (3-4 weeks)	Unit 2 (3-4 weeks)	Unit 3 (2-3 weeks)	Unit 4 (3-4 weeks)	Unit 5 (3-4 weeks)	Unit 6 (3-4 weeks)	Unit 7 (2-3 weeks)	Unit 8 (3-4 weeks)	Unit 9 (3-4 weeks)	Unit 10 (3-4 weeks)
Geometry	Inferences	Probability	Transformations, Congruence and Similarity	Exponents and Equations	Geometric Applications of Exponents	Functions	Linear Functions	Linear Models and Tables	Solving Systems of Equations
MGSE7.G.2 MGSE7.G.3 MGSE7.G.4 MGSE7.G.5 MGSE7.G.6	MGSE7.SP.1 MGSE7.SP.2 MGSE7.SP.3 MGSE7.SP.4	MGSE7.SP.5 MGSE7.SP.6 MGSE7.SP.7 MGSE7.SP.7a MGSE7.SP.7b MGSE7.SP.8a MGSE7.SP.8b MGSE7.SP.8c	MGSE8.G.1 MGSE8.G.2 MGSE8.G.3 MGSE8.G.4 MGSE8.G.5	MGSE8.EE.1 MGSE8.EE.2 (evaluating) MGSE8.EE.3 MGSE8.EE.4 MGSE8.EE.7 MGSE8.EE.7a MGSE8.EE.7b MGSE8.NS.1 MGSE8.NS.2	MGSE8.G.6 MGSE8.G.7 MGSE8.G.8 MGSE8.G.9 MGSE8.EE.2 (equations)	MGSE8.F.1 MGSE8.F.2	MGSE8.EE.5 MGSE8.EE.6 MGSE8.F.3	MGSE8.F.4 MGSE8.F.5 MGSE8.SP.1 MGSE8.SP.2 MGSE8.SP.3 MGSE8.SP.4	MGSE8.EE.8 MGSE8.EE.8a MGSE8.EE.8b MGSE8.EE.8c
These units were written to build upon concepts from prior units, so later units contain tasks that depend upon the concepts addressed in earlier units. All units will include the Mathematical Practices and indicate skills to maintain.									

NOTE: Mathematical standards are interwoven and should be addressed throughout the year in as many different units and tasks as possible in order to stress the natural connections that exist among mathematical topics.

Grading Weights: 50% Formative Assessment/Classwork
35% Summative Assessments/QAs
10% Homework
5% Participation

Grading Scale: A = 100 – 90
B = 89 - 80
C = 79 - 71
D = 70 F = 69 and below

Textbook: GO Math, Middle School Advanced 2, Houghton Mifflin Harcourt Publishing Company, 2018
Students will be issued a consumable textbook and are required to bring this textbook to class every day.

Interactive Math Notebook: Students will create an interactive math notebook as a study resource. Students are required to bring this notebook to class every day.

Late Work Procedure: If a student must be absent, it is her/his responsibility to obtain make-up work and complete the work. The number of days given for makeup will be determined by the number of days absent. If a student needs to make up an assignment that must be completed in the classroom, they should come before school, during homeroom, during 7th grade math lunch tutoring, or during a connections break.

Homework: As this is an accelerated course and will cover the remaining 7th grade standards and all of the 8th grade standards, students should expect a considerable amount of homework every week. It is imperative that students complete this homework nightly in order to keep up with the pace of the class and be prepared for the next day's lesson. Though homework should be completed nightly, it will be assigned on the first day of the week and due by the following Friday. Homework is taken from and must remain attached to the mathematics textbook. It can also be found online at

the Go Math website (accessible through student portal). There will be a brief review on Fridays, followed by a 10 question multiple choice quiz. If a student is not satisfied with the quiz grade, they may retake an alternate (but similar) quiz. The two grades will be averaged together for the weekly quiz grade.

General Expectations:

- Be Safe
- Be Respectful
- Be Responsible

Specific Expectations:

- Be prepared for class with all materials
- Follow directions the first time given
- Raise your hand before speaking
- Follow all classroom and school rules and procedures

Academic Dishonesty: Plagiarism, taking someone else's work and identifying it as your own, as well as cheating on assessments is not allowed. When this occurs, a parent will be contacted and the student will earn a zero. The student may earn a 50% if they acceptably complete the assignment/assessment within a week of parent contact.

I have reviewed the 7th Grade Accelerated Mathematics Syllabus with my child and we understand the procedures and expectations.

Student: _____ Parent: _____ Date: _____