*Course Description*

*Accelerated GSE Algebra I/Geometry A is the first in a sequence of mathematics courses designed to ensure that students are prepared to take higher‐level mathematics courses during their high school career, including Advanced Placement Calculus AB, Advanced Placement Calculus BC, and Advanced Placement Statistics.*

*Grading Percentages*

*50% Tests*

*30% Classwork, Quizzes, Writing*

*20% 9 Weeks Exam*

*Notebooks*

*Students are expected to keep an interactive notebook (INB). We will build it together during class time. The INB will serve as a study guide for quizzes, tests, Benchmarks, and the Georgia End of Course Milestones Assessment.*

*Classroom Expectations*

*1. Be prepared for class.*

*2. Follow directions quickly.*

*3. Raise hand for permission to leave seat.*

*4. Make smart choices.*

*5. Respect others and their property.*

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*Mrs. Debbie Dixon*

*Room A-117*

*debbie.dixon@mcssga.org*

*Manchester High School*

*Accelerated Algebra I / Geometry A*

*Syllabus*

*Units of Study*

*1. Relationships between Quantities and Expressions*

*2. Reasoning with Linear Equations and Inequalities*

*3. Modeling and Analyzing Quadratic Functions*

*4. Modeling and Analyzing Exponential Functions*

*5. Comparing and Contrasting Functions*

*6. Describing Data*

*7. Transformations in the Coordinate Plane*

*8. Similarity, Congruence, and Proofs*

*9. Right Triangle Trigonometry*

*Homework*

*Homework is assigned 3-4 times a week. Homework may be checked for accuracy and/or completion. Door prizes may be awarded!*

*Materials Needed*

*1. 2 bound composition books*

*2. 1 ½ inch binder*

*3. Notebook paper*

*4. Pencils*

*5. Graph paper*

*6. Glue*

*Parent/Teacher Communication*

*1. Tyler School Information System Parent Portal: Parents and students may view grades and attendance via the*

*Parent Portal. Go to [www.mcssga.org](http://www.mcssga.org). In the center of the page on the right click “TYLER – Staff, Parents, Students”. Use the login information that you received at registration. If you need help accessing the Parent Portal, please contact the school secretary.*

*2. REMIND Text Messaging: If you would like to know about homework assignments, upcoming tests, deadlines, and*

*school events, please sign up to receive the REMIND messages. You may choose to receive these messages via text, email, or both. Text the message @dixonag to the number 81010. If you would like to receive the REMIND messages via email, send a blank message to* *dixonag@mail.remind.com**. Leave the subject line blank.*

*3. Blog: I keep a class blog at* [*http://debdixon.edublogs.org*](http://debdixon.edublogs.org)*. Class notes, copies of worksheets, recommended*

*websites, video tutorials and other study materials may be found here.*

*4. Email:* *debbie.dixon@mcssga.org*

*5. Telephone: The school phone number is (706) 846 - 8445.*

*6. Parent/Teacher/Student Conference: Parents/Guardians may call school secretary, Mrs. Henderson, to set up a*

*conference.*