



## General Course Information

<b>Course Title</b>	<b>Geometry</b>
<b>Description</b>	<b>Geo</b> , which means earth, and <b>metria</b> , which means measure. (Greek) A major contributor to the field of geometry was Euclid - 325 BC who is typically known as the Father of Geometry and is famous for his works called The Elements. Simply put, geometry is the study of the size, shape and position of 2 dimensional shapes and 3 dimensional figures. However, geometry is used daily by almost everyone. In geometry, one explores spatial sense and geometric reasoning. Geometry is found everywhere: in art, architecture, engineering, robotics, land surveys, astronomy, sculptures, space, nature, sports, machines, cars and much more.
<b>Faculty Name</b>	Mrs. Teresa Madyun
<b>Contact Information</b>	<b>Email:</b> <a href="mailto:madyunt@aaps.k12.mi.us">mailto:madyunt@aaps.k12.mi.us</a> <b>Teacher Website</b> <a href="http://www.a2schools.org/site/Default.aspx?PageID=7778">http://www.a2schools.org/site/Default.aspx?PageID=7778</a> <b>Phone:</b> 734-997-1237, <b>Cell:</b> (734) 560-7035, <b>Room:</b> 208

## Introduction / Schedule

Welcome to **Geometry**. We will be exploring the following topics together over the school year. *Essential Questions* and *Alignment with State Standards* for each unit.

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| ◇ Unit 1: Essentials of Geometry         | ◇ Unit 6: Right Triangles and Trigonometry |
| ◇ Unit 2: Reasoning and Proof            | ◇ Unit 7: Quadrilaterals                   |
| ◇ Unit 3: Parallel & Perpendicular lines | ◇ Unit 8: Properties of Transformations    |
| ◇ Unit 4: Relationships within Triangles | ◇ Unit 9: Properties of Circles            |
| ◇ Unit 5: Similarity                     | ◇ Unit 10: Surface Area & Volume of Solids |

## Grading

**Assessment** – There are three basic categories of assignments that will be assessed:

- **Process** – *Geometry Notebook* assignments, Bellwork, Classwork, and Homework. These assignments include note taking, reading assignments, written responses to the content studied, participation in discussions, simulations, and group assignments / presentations. Geometry Notebook guidelines will be provided.
- **Mastery (Product/Performance)** – Quizzes, Tests, Projects, Formal Presentations  
This category includes unit tests and quizzes. Tests may include mini-essays, short answer, vocabulary sections, as well as multiple choice or true/false sections. Project performance is also included here. Project rubrics will be discussed when assigned.

**Grade Weights:** Process – 20%, Mastery – 70%, & Final Exam – 10%

## Student Expectations

### Students will be expected to:

- **Purchase a Composition Notebook (bounded) for this class.**
- Participate in classroom discussion and in-class activities in a respectful, professional manner.
- Complete regularly assigned reading / homework independently.
- Take notes during class instruction /discussions.
- Adhere to all Safety Procedures
- Demonstrate academic integrity. Students will act honestly and ethically in their work.
- Use computers in a responsible, mature manner in accordance to school policy.
- Notify instructor of obstacles preventing completion of assignments or projects.

**Policy on late/makeup work:** Students are expected to complete all class work and homework assignments by the specified due dates. Please communicate with me **in advance of the due date** to request an extension if you have a problem completing an assignment on time. I will accept late work with a 30% reduction. Please note makeup tests/quizzes will be graded **up to 70% of the original score.**



To access the student geometry text online:

Go to the website: [www.classzone.com/cz/index.htm](http://www.classzone.com/cz/index.htm)

- 1) Select High School Math
- 2) Select Michigan
- 3) Click "Go" Find Book
- 4) Select Geometry 2007

Note: You are now in the McDougal Littell Classzone, you can access all support materials for this geometry book. This is all free and has tons of extra practice and activities for students.

- 5) Click on "Online Book" in the bottom left hand corner.
- 6) A new screen pops up. Click continue since you have a license to access the online book.
- 7) On the New Visitors section click on "Create a student account"
- 8) Enter activation code. Put 7543501 in the first box and 30 in the second box.
- 9) Follow the next few instructions to finish your account.

**Note: If for some reason it seems that you did not get in, you should return back to same create an account screen, then click "Create Student Account" again and now you get an account creation page.**

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We have read and understand the syllabus.

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

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

Contact Number: \_\_\_\_\_

Email: \_\_\_\_\_