

# Applied Geometry Syllabus

## 2021-2022

### Contact Information:

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Teacher: Mrs. Terina Platt

Room #: 1103

Website: <https://superplatt.weebly.com/>

**Course Description:** This course falls between Applied Algebra I and Intermediate Algebra in the Olathe School District mathematics curriculum. Although it is a brief deviation from the standard Algebra courses, you will find that we can and will make use of many algebraic concepts throughout the year. Topics of study include Basics of Geometry; Segments and Angles; Parallel and Perpendicular Lines; Triangle Relationships; Congruent Triangles; Quadrilaterals; Similarity; Transformations; Right Triangles and Trigonometry; Polygons and Area; Surface Area and Volume; and Circles.

**Materials:** *The following materials need to be brought to class each day:*

- Binder for Math only (1½ or 2 inch) with filler lined paper
- Scientific Calculator (**Texas Instruments TI-30XIIS Scientific Calculator is preferred**). Calculators (TI-84 Graphing calculators) may be rented from the school (room 1009) for approximately \$20/year. Student is responsible for turning in their calculator at the end of the year. If lost or stolen, student's account will be charged approximately \$100. You will not be able to share calculators for quizzes/tests.
- Pencils
- Highlighters
- 3x5 Index cards
- Ruler
- Textbook – I will always have a set in my room, but students will have access to textbooks online.
- **Stylus Pen** for online assignments – inexpensive ones can be found at Dollar Tree, Walmart, or Target
- School-Provided Laptops (charged) and the charging cord.

### Grading Scale:

90% - 100%	A	80% - 89%	B	70% - 79%	C	60% - 69%	D	0% - 59%	F
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**Grading Policies:** Semester grades are comprised of the following categories and their corresponding weights. See detailed information below. I do a semester gradebook, so grades will **not** reset at quarter.

**Assignments** (Bell work, Homework, In-class work, Exit Slips, etc.): **30%**

**Assessments** (Quizzes, Projects, Tests): **60%**

**Semester Final: 10%**

### Assignments:

- Assignments are usually assigned each class period and will be due the following class period unless notified otherwise.
- All assignments from the unit must be turned in **prior** to the unit test to receive credit.
- **Absent/Late Work:** If students are absent from class for any reason it is their responsibility to complete the work they missed. See the teacher or look at StudentVue under Class Websites.
  - All missing work must be turned in prior to the test for credit. Assignments that are still missing *after* the unit test has been given (NHI's) will be recorded as a zero.
  - Excused absences will receive full credit on missed assignments up to 2 days after the absence. Late assignments will result in a two-point deduction.

### Quizzes/Informal Assessments:

- Quizzes will be given frequently. The format of quizzes will vary but will be a check for understanding of the topic(s) covered in each unit. If you are caught cheating, you will receive a zero. **Retakes are not allowed on quizzes.**

### Tests:

- Tests will be given at the conclusion of each unit of study.
- If you are caught cheating, you will receive a zero and cannot retake the test.
- If a student is absent on a test day, it is expected that he/she will make arrangements with the teacher to make it up.
- **Students may retake a test** (which will replace the score of the first test regardless of results) **if the following criteria are met:**
  - All homework must be turned in and completed prior to the original test.
  - Completion of an alternate assignment will be under teacher discretion.
  - Retake tests must be completed within one week of receiving original test.
- Prepare to see a few questions from prior chapters on any test. I am hoping this will help students stay focused and understand that the material builds on previous topics. By extension, this should make them more prepared for the final exam by continuously working on their retention skills.

### Semester Final:

- A comprehensive final exam will be given at the end of each semester **(no retakes)**.







**Student Support:** I will be available during Academic Intervention, before school, and after school to answer any questions, you may have. I'm in meetings many times before school on Thursdays. If I am elsewhere, like the library, I will leave a sign to let you know.

**ELECTRONICS:** These devices are **ABSOLUTELY NOT** to be used during class unless otherwise stated. If I see it during a time that has not been deemed appropriate, you will be instructed to put it away until class is over. If it is a reoccurring problem, it will be taken up to the office for you to pick up at the end of the day and a parent will be contacted. Ear buds/headphones/etc. are also not to be used during class.

## Academic Integrity:

All students are expected to complete all assignments, quizzes, projects, and tests with academic integrity. Students should complete assignments without the use of apps or website, such as Photo Math, and should never attempt to use apps or websites to complete quizzes or tests. Any breach of academic integrity will result in a zero in the assignment, plus contacting of parents and administrators, which could result in dismissal from some extracurricular activities.

## *In-Class and Online Class Expectations*

<b>BE PROMPT</b> <ul style="list-style-type: none"><li>- Wake up early enough to get ready</li><li>- Log in a few minutes early</li></ul> 	<b>BE PREPARED</b> <ul style="list-style-type: none"><li>- Be in a quiet location with no distractions</li><li>- Have your materials ready.</li></ul> 	<b>BE PRODUCTIVE</b> <ul style="list-style-type: none"><li>- Participate</li><li>- Add to the discussions</li><li>- Ask questions</li></ul> 
<b>BE POSITIVE</b> <ul style="list-style-type: none"><li>- Have a can do attitude</li><li>- NO negativity</li><li>- Control your body language.</li></ul> 	<b>BE PROACTIVE</b> <ul style="list-style-type: none"><li>- Focus your time and energy on things you can control</li><li>- Stay on topic</li></ul> 	<b>BE POLITE</b> <ul style="list-style-type: none"><li>- Mute yourself if teacher or another student is talking</li><li>- Raise hand to speak</li></ul> 

# Remind App

3 <sup>rd</sup> Hour	• 399kh8
4 <sup>th</sup> Hour	• gg6b77
5 <sup>th</sup> Hour	• eb7kkc
6 <sup>th</sup> Hour	• 6g9kb4
7 <sup>th</sup> Hour	• c2a3e9
Advisory	• superadv24