

## Algebra 3 - 4 Syllabus

Mrs. Watson

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### **Textbook & Additional Learning Materials**

- College Preparatory Mathematics: Algebra 2 Connections & CCSS Algebra 2 Supplements
- Daily Skill Worksheet

### **Resources:**

- **Grades** will be available online in **Synergy Gradebook**: <https://sis.cascadetech.org/pps1j/Login.aspx>
- **Website**: includes notes, worksheet copies, links to videos, etc.

### **Materials**

Students should come to class every day with the following:

1. Pencil or Pen
2. Comp Book/Notebook
3. Folder
4. Calculator (Scientific or Graphing)

### **Requested Classroom supplies (Please contribute one of the following)**

1. Pack of Whiteboard Markers
2. Box of Tissues
3. Pack of AAA batteries

### **Expectations**

1. **Dignity** - Respect everyone in the classroom – remember we are a community
2. **Dress Code** – You must be compliant with the GHS Dress Code to attend class - NO HEADGEAR
3. **Electronics** - No Cell Phones, headphones and/or electronics
4. **Passes** – Only during group work time and not during the first/last 20 minutes
5. **Food** - No Food or Drink (water is permitted)
6. **Cleanliness** – Keep your area around your desk neat and clean
7. **Deadlines** – No late work is accepted
8. Have fun! I believe in each and every one of you.

### **Discipline Procedures**

1. A warning
2. Removal to Hall for a conference/Call Home
3. Removal from class (Referral)/Call Home

### **Office Hours:**

A - Day Flex – Algebra 3 – 4

B – Day Flex - Geometry

Lunch or after school by appointment

How Will I be Graded?

Grades are the way in which we assess your learning. This class is taught and students are graded using a

**Proficiency-Based Model:**

Homework & Classwork ( <i>Homework, Warm-up's, Classroom Participation, Group work, Etc.</i> )	15%	Scale:
<b>Proficiency Learning Targets (Quizzes)</b>	<b>30%</b>	A: 89.5% - 100%
<b>End-of-Unit Assessments &amp; Final Exam</b>	<b>55%</b>	B: 79.5% - 89.4%
		C: 69.5% - 79.4%
		D: 59.5% - 69.4%
		F: 0% - 59.4%

<p style="text-align: center;"><b>HW &amp; Classwork</b></p> <p style="text-align: center;">15%</p>	<p><b>Notebook Record/HW Check:</b> Includes Assignments, In-Class Work, Group Work that are crucial to your learning in this class and offer you an opportunity to practice your math skills. <b>You should expect to have homework after every class.</b></p> <ul style="list-style-type: none"> <li>• Assignments will be graded based on <b>effort, completion, and work shown</b></li> <li>• Each assignment is <b>graded on a 10 point scale (0 - 10)</b> when thoroughly <b>completed on time</b> (by the next class period); 0 = no work, 5 = half way done, 10 = All work done</li> <li>• Assignment scores will be recorded on Homework <b>Record</b> that will be <b>turned in every two weeks</b></li> <li>• Students will be given <i>daily opportunities</i> to demonstrate <b>classroom and group participation</b>; the related points will be tracked on a students' Notebook Record;</li> <li>• Students with excused absences will be allowed to complete missing homework, but daily class/group work will not be made up due to the necessity of being present</li> </ul>
<p style="text-align: center;"><b>LT Quiz</b></p> <p style="text-align: center;">30%</p>	<p><b>Proficiency Standards:</b> Each Geometry Learning Target is broken into student objectives. Students will be quizzed almost weekly, over each Learning Target Objective presented in the previous week.</p> <p><b>Weekly Learning Targets Quizzes:</b> Students will demonstrate proficiency with a score of</p> <ul style="list-style-type: none"> <li>• 10 = A = Mastery,</li> <li>• 8.5 = B = Above Proficient</li> <li>• 7.5 = C = Proficient;</li> <li>• 5 = Not Passing/Not Proficient</li> </ul>
<b>NO Quiz Retakes</b>	
<p style="text-align: center;"><b>End-of-unit TEST &amp; FINAL</b></p> <p style="text-align: center;">55%</p>	<p><b>End-of-Unit Assessment:</b> At the end of each unit, students will be assessed on the topics covered in then given unit. These test are <b>retakeable ONCE</b>; and the second score <b>WILL</b> be recorded even if it is less than the first. <b>All retakes must be done within 3 weeks from the original test.</b> The end-of-unit assessment and final exam will incorporate summative content and story-problems.</p> <p><b>Revisions to original WORK must be completed during Flex in order to retake a TEST. You will need to come during your own time in order to retake the test.</b></p> <p><b>No retakes</b> will be allowed the last week of the quarter.</p>

## What else do I need to know about this class?

**Make-up Assignments/Assessments:** If you have an excused absence from class, you are expected to make-up missing work by the **next class session** after your return. If you missed a proficiency learning target quiz, you will be expected to take the test as soon as possible (within a week) on your **own time outside of class and by appointment with Mrs. Watson**. All make-up work will be in the folder by the door.

**Cheating:** If a student or students are suspected of cheating the appropriate school and administrative action will be pursued, including, but not limited to a score of zero on the assignment/test, parent contact, assigned detention with Mrs. Watson, and administrative involvement, including student referrals and/or suspension.

### Algebra 3 - 4 Topics

AA1: Creating and Solving Equations  
 AA2: Graphs and Their Transformations  
 AA3: Inverses  
 AA4: Logarithms  
 AA5: Trigonometric Functions

AA6: Polynomials  
 AA7: Complex Numbers  
 AA8: Statistics

