

Bingham High School 2018-2019

Secondary Math 3

Cheryl Peterson

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Course Description

In Secondary Math 3, we will focus on conceptualizing, analyzing, and identifying relationships between functions as well as using mathematical language and notation correctly. This course builds on concepts learned in Secondary Math 2, by extending linear algebra and coordinate geometry concepts to other functions and systems of equations. Students will develop proficiency in analyzing and solving quadratic functions, including those with complex solutions. Students will investigate absolute value, radical, exponential, logarithmic and trigonometric functions algebraically, numerically, and graphically. Students will extend their algebraic skills to compute with rational expressions and rational exponents. Students will analyze statistical data and apply concepts of probability using permutations and combinations. The material in this class will help you improve your critical-thinking and problem-solving skills, prepare for college entrance examinations, and will give you a solid foundation for future math classes. I firmly believe that all students are capable of succeeding in this class, but **success requires participation, dedication, and organization**. It is important that students **ask questions, take notes, complete all assignments, and participate in class activities**.

Tutoring

As a math department, tutoring is offered from 6:00-7:00 am and 2:30-3:30 pm every Monday-Thursday. Schedules will be posted in the halls and classrooms.

Supplies

Students are required to come to class prepared to actively participate. Each student is responsible for bringing his or her own paper, pencil, **calculator**, and notebook to class every day. While it is not required, I recommend that students obtain a calculator to use each day.

Grades

A 93-100%	A- 90-92%	B+ 87-89%	B 83-86%	B- 80-82%	C+ 77-79%
C 73-76%	C- 70-72%	D+ 67-69%	D 63-66%	D- 60-62%	F Below 60%

Grades will be calculated as a weighted average based on the following categories:

Tests and Quizzes (70%)

Tests will be given at the end of each unit. **No retake tests will be given.** Missing class on a review day does not entitle you to take a test late. You will be required to take the test with the rest of the class unless you have made other arrangements with your teacher, before the day of the test. If you will be absent on a test day due to a vacation or school-excused absence, you must arrange to take the test before school on Tuesday or after school on Thursday. Announced and unannounced quizzes will be given at least once per unit.

Homework/Classwork/Notebook (25%)

You must show all your work to have the possibility of receiving full credit on assignments!

Homework/Classwork is designed to give you a chance to practice solving problems, ask questions, and get any needed help while the new material is fresh in your mind. Homework will be assigned most class periods and will be due (for full credit) at the **beginning** of the next class unless otherwise specified. If you are absent, work is due before you take the corresponding unit test. Turning an assignment in after we correct it is considered late. **Late work will be accepted for half credit up to the test for that unit. NO LATE WORK WILL BE ACCEPTED AFTER THE TEST DATE FOR THAT UNIT.**

Assignments that are due when a student is absent must be turned in the day he or she returns. Students will be given **one extra class period** to complete assignments that are assigned on the day of an absence. Students must grade their own absent work on their own time!

Job-Related Skills (5%)

You will gain points for behaviors and skills that are valued by employers. These include punctuality, preparation, on-task behavior, participation, organization, and positive interaction with others. Points will be deducted for off-task or disruptive behavior (ex. electronics out during notes), lack of participation (ex. tardies or unexcused absences), and disrespect to the teacher or your classmates.

There will be a lot of participation points given for different activities. If you are absent, these points can be made up by attending tutoring and completing the assignment during that time.

Extra Credit

Extra credit may be offered throughout the semester at the teacher's discretion.

Cheating

Don't cheat! Any student who is caught cheating or appears to be cheating on a test, quiz, or project will receive a -1. Cheating may result in a failing grade for the quarter and possible referral to the office.

Electronic Devices

Cell phones, iPods, and other electronic devices and nuisance items must be turned off and put away until homework time. If I see them or hear them, they will be confiscated and held until the end of class on the first episode. If a second episode occurs then the device will be sent to an administrator for parent pick up. Points for each episode will also be deducted from your participation.

Students may not use cell phones or iPods as calculators.

Attendance Policy

Students are expected to attend class each day. Studies show that attendance, especially in math classes, is a positive indicator of success. Students benefit from consistent instruction, logical sequencing of concepts, and positive group atmosphere. Students are expected to complete missed assignments or tests. Students are expected to follow to the conditions outlined in the Bingham High School Attendance Policy. Students will miss participation points for that day and will need to attend a tutoring session to earn the points.

Dress Code

Students are expected to follow the dress code policy as outlined in the Bingham High School Dress Code Policy.

Rules

1. **Be respectful** to the teacher, your classmates, and school property
2. **No distractions** such as cell phones or interrupting class
3. **Come to class prepared** with all required materials and completed assignments
4. **Have a positive attitude**
5. **Do your best!**

Consequences

Consequences for failing to follow rules:

1. Verbal warning
2. Loss of participation points
3. Phone call to parents or guardians
4. Possible referral to the office

Consequences for following rules:

1. Full points for participation
2. Class time to work on homework
3. Extra credit opportunities
4. Positive home contact
5. A happy teacher and a pleasant classroom environment

Please contact me with any questions or concerns. I am available by appointment before and after school. I reserve the right to adjust the policies outlined in this disclosure document to better meet the needs of my students. I look forward to working with you this year. – Cheryl Peterson

Signature Page

I have accessed the Secondary Math 3 disclosure statement at www.bhspetersonsclassroom.weebly.com .

I have read and understood the disclosure document for Secondary Math 3.

Student Name (please print) _____ Period _____

Student Signature _____ Date _____

Parent/Guardian Name (please print) _____

Parent/Guardian Signature _____ Date _____

Teacher _____ Date _____

Parent/Guardian Contact Information:

Email address: _____

Home phone: _____ Cell phone: _____

What is the best way to contact you about your student's progress in this class? (Please check all that apply.)

Email _____ Home phone _____ Cell phone _____

Is there any information you would like Ms. Peterson to know about your student?