

Portland Public Schools Syllabus for the school year 2019-2020

Instructor: Vic Moser, Math Teacher, Franklin High School

Subject: Algebra 1-2

Type of credit earned: 0.5 math credits per passing semester

Prerequisite: This course is open to students who have not yet earned 1.0 credit in Algebra 1-2.

Contact information: vmoser@pps.net

Tutorial locations: B days only – room number TBD

Course Description: The course is structured around problems and investigations that build the conceptual understanding of algebraic topics and an awareness of connections between the different ideas. There are strong threads woven throughout the course on multiple representations and the meaning of a solution. Students will be asked to justify their thinking, generalize relationships, make connections between ideas and reverse thinking to solve problems. A major focus of Algebra 1-2 is to develop multiple strategies to solve problems and to recognize multiple ways of understanding concepts.

Schedule of topics/units covered:

1. Statistics: One-variable
2. Solving and evaluating linear equations
3. Creating and representing linear functions: Slope-intercept form
4. Creating and representing linear functions: Standard and point-slope form
5. Statistics: Two-variable
6. Systems of equations
7. Inequalities
8. Creating and representing exponential functions
9. Creating and representing quadratic functions
10. Sequences

For this class, you will need the following:

-Pencil with eraser

-A calculator – please bring to class, there are not enough at school for every student. A graphing calculator is best.

-Three ring binder or similar to keep notes and homework.

Optional Colored pencils or highlighters

Communication Tools

Canvas: The syllabus, calendar, assignments, and notes will be available on Canvas.

Synergy Parent/StudentVue: Grades will be updated often with marks for homework completion scores and quiz/test scores.

Behavioral Expectations

1. We will be respectful to our teacher and peers at all times.
2. We will work both independently and collaboratively in study teams.
3. We are on time, prepared, and ready to learn.
4. We will use electronic devices only when instructed to do so.
5. We will risk being wrong and be prepared to learn from our mistakes.
6. We will be comfortable asking questions and advocating for ourselves.
7. We will demonstrate learning in multiple ways.

Assessments for the course

Students may demonstrate proficiency through their homework, exit ticket, quiz, and test or project scores. Multiple opportunities on quizzes, tests, and projects are available.

Homework Homework will be assigned every class period, is graded on a 4 point scale, and will be checked for completeness at the beginning of each class. All work must be shown in order to receive credit. Homework questions will be answered every day. Late homework will be accepted for half credit, the last day to turn in late homework will be the day of the Unit Test. If a student misses class they are responsible for obtaining the missed homework. Any student unable to complete homework due to illness should speak to the teacher about this.

Exit Tickets

Exit tickets are completed most lesson days (not test days) to show preliminary mastery of a new learning target. They are usually 1-4 questions meant to be completed in 10 minutes or less. Exit Tickets are a tool to help the teacher and students monitor daily progress.

Quizzes and Tests

Each unit will have a quiz (or two) and test (or project). Tests and projects are graded on a point scale. Missed quizzes may be made up or retaken until the day of the Unit Test. To be eligible for a retake, a student must first complete all missing homework assignments from that unit, and must make corrections to the test. Test corrections include going through each missed question and correcting the work to achieve the correct answer, as well as at least one sentence about the misconception that the student had. Once this is completed, the student may retake the test. Test corrections may be completed during A Flex periods, or before school, after school, and lunch by appointment. A quiz retake will replace the original score. **FOR UNIT TESTS, THE ORIGINAL SCORE AND RETAKE SCORE ARE THEN AVERAGED TO CREATE THE NEW SCORE IN THE GRADEBOOK.** The retake score is NOT the score that will go into the gradebook. Final exams may not be retaken

Grading criteria

Assignment Category Weights:	90.0% or better = A
Grade From Previous Teacher: 40%	80.0%-89.9% = B
- 7 of 17 weeks of instruction	70.0%-79.9% = C
Homework: 20%	60.0%-69.9% = D
Tests/Quizzes/Projects: 40%	59.9% or below: F

Effective date of syllabus: 10/14/19

School year: 2019-2020

Please fill in, detach below the dotted line, and return the bottom portion to Mr. Moser as your first homework assignment.

We, _____ & _____ (Parents Guardians), have read and understand the expectations set forth in the syllabus for Mr. Moser's Algebra 3-4 class.

Student Signature and Date

Parent/Guardian Signature and Date