Kiana Herr   **Room: D-138 Dryden High School**
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Course Outline

Unit 1	*Introduction to Functions & The Structure of Expressions*
Unit 2A	*Solving Linear Equations & Inequalities*
Unit 2B	*Linear Systems*
Unit 3	*Descriptive Statistics*
Unit 4	*Linear & Exponential Functions*
Unit 5	*Transforming & Applying Functions*
Unit 6	*Polynomial and Quadratic Expressions and Equations*
Unit 7	*Graphs of Polynomial & Quadratic Functions*
Unit 8	*A Synthesis of Modeling with Equations & Functions*

The course will culminate with the Algebra 1 Regents Exam given in June.

Required Materials:

- Pencils & Erasers
- School-issued Chromebook (& charger)
- Scientific Calculator [*minimum*]*
- 3-Ring Binder (2 inch or larger)
- Durable Pocket Folder (if desired)

*You will have access to a TI-84 Plus CE graphing calculator for your exclusive use within the classroom and during activity period should you choose to stay. If your parents/guardians wish to provide a graphing calculator to you, the same model is recommended; however, any TI-83 or TI-84 model is similar enough that most functionality is the same. The HS Math Dept. also has a loaner program so a TI-83 graphing calculator may be signed out for your personal use for the entire school year.

Extra Help:

Students can see me for extra help during the following times:
- Activity period (unless otherwise specified)
- Other times that may be arranged as necessary

Other sources of support include:
- After-school tutoring (3-5pm as scheduled; walk-ins welcome)
- Paper online tutoring (access anytime through ClassLink or via Paper Education mobile app)

Attendance:

Class attendance is absolutely necessary for success in mathematics. If you are absent, you are responsible for contacting me immediately to make up missed work. Work missed is required to be made up no later than the number of days returning to school equivalent to the number of days absent. (Example: If you are absent for two days you have two days to make up the missed work upon returning.)

Cell Phone Use:

Students may choose to leave their personal electronic devices in their locker or may turn off and stow personal electronic devices in classroom caddies (at their own risk), or in their backpack/bag.

Grading Procedure:

Homework & Applied Practice (*20% of marking period average*)

Homework - Homework will be given on a regular basis and is considered essential to the successful completion of the course. Homework is due at the beginning of class. Late homework will be accepted only until 3:00 p.m. on the day the assignment is due.

Each homework & applied practice assignment will be scored out of 4 points using the following scale.

Score	Progression Toward Mastery
0	*work not submitted or little work attempted*
1	*little to no understanding of content demonstrated*
2	*limited understanding of content demonstrated*
3	*proficient demonstration of conceptual understanding with minor errors or incomplete work*
4	*thorough demonstration of content mastery*

(*Note: Assignments with grades that are unsatisfactory to the student may be corrected with permission during activity period prior to the mid-unit quiz/ unit exam. Papers will be returned to students with comments only, to focus students in correcting work. Homework grades will be posted in SchoolTool and available for students/parents to check on a continual basis.*)

Class Tasks (*20% of marking period average*) **–** Collaborative and individual performance tasks will be given to illustrate the range of performance goals required by NGLS for Mathematics.

Assessments (*60% of marking period average*) **–** Each unit of study will have one quiz in the middle of the unit and one summative test to end the unit of study.

Honors Requirements – At ten weeks, a student can be removed from the honors section if their first marking period average is below 80%. At five weeks, any student who is at risk of not meeting this benchmark should expect to have a conference with the teacher to discuss what additional supports and strategies may be useful in achieving the expected grade. At twenty weeks, a student can be removed from the honors section if the cumulative average at 20 weeks is below 85%.