

Math 3 Syllabus

Instructor: Martha Kelley

"Math is the Language of the Universe." Lucas Grabeel

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Course Description The students will study piecewise, polynomial, rational, and trigonometric functions. Geometric units focus on circles and their properties and modeling with 2D and 3D geometric figures. Probability rules learned in previous courses are extended to the statistics of making inferences and justifying conclusions with intro to margin of error.

Required Supplies: 1 ½" 3-ring binder for notes to be provided, lined paper, graph paper, 8 divider tabs for binder, pencil, colored pencils, highlighters, or markers and playdough (2nd 6 weeks)

Suggested Supplies: 1 or 2 dry erase markers, glue stick, ruler

Grading Policy:

50% Weekly tests, pop quizzes, projects

40% Graded practice: classwork, homework, Aleks, Deltamath, IXL

10% Aleks.com Assignments

Final Grade and Important Dates: Your Final Semester Grade will be an average of 4 grades:

1st 6 weeks

2nd 6 weeks

3rd 6 weeks

Final Exam - EOC State Exam – 60 questions – required for all students – no exemptions

Classroom Requirements:

1. Please be respectful of us, others, all teachers, and school property; Misbehavior, rude comments will not be tolerated.
2. When the tardy bell rings, you should have all the required materials to begin class.
3. Homework and projects are due on the due date they are assigned. If a completed assignment is late, credit will be given based on a 10% deduction per day for up to 5 days per the student handbook.
4. Restroom break passes can be used anytime EXCEPT during instruction. No student may leave the classroom during instruction or class note taking. When you are given permission to leave you must give Mrs. Kelley your bathroom pass, sign out and take the hall pass; one person may leave the room at the time.
5. Quizzes will be given most every Friday - Cell phones and Smart watches will be collected on all test days.

HOMEWORK and CLASSWORK: It is very important that you complete every assignment to be successful. *To learn math, you must practice math.* You must attempt and show your work on all assigned problems to receive full credit – Homework grading will consist of 2 parts – participation and accuracy. Participation is completion of the assignment on time. Accuracy is showing your work and having the correct answer.

All work turned in must be done in pencil – no exceptions.

Make Up Work: If you are absent or unable to complete the assignments on time, please contact Mrs. Kelley via email. All Course Information including Assignments and Lessons are found in Office 365 – Teams. If an assignment is not made-up within 5 days, you could receive zero points for that assignment! Missing work must be done within 5 days – 10% reduction in grade for each day late. Communicate with Mrs. Kelley for extenuating circumstances.

REFRESH and AFTER SCHOOL TUTORING: Refresh tutoring is offered several times per week. If a student needs extra help or is struggling, they may be prioritized for refresh tutoring. After school tutoring is offered by request.

Math 3 Units

Unit 1: Functions and Their Inverses

Unit 2: Exponential and Log Functions

Unit 3: Polynomial Functions

Unit 4: Modeling with Geometry and Statistics

Unit 5: Circles, Parallelograms, Triangles

Unit 6: Intro to Rational Functions

Unit 7: Intro to Trigonometry

Unit 8: Final Exam Review

Weekly Quizzes/Knowledge Checks – EVERY Friday – If you miss a quiz, you will need to make it up during refresh Monday or Tuesday of following week.

Cumulative Assessments will be given after every Unit – they will be inclusive of all course material up to that point in the class. I will announce these dates 1 week in advance.\

IXL login: U/N is your student number@swansborohs P/W is your computer password

Aleks is accessed through Clever

McGrawHill Textbook is accessed through Clever