



Integrated Mathematics 3 Syllabus

PACHS Mission: To provide a quality educational experience needed to empower students to engage in critical thinking and social transformation, from the classroom to the Puerto Rican community, based on the philosophical foundation of self-determination, a methodology of self-actualization and an ethics of self-reliance.

Key Concepts to look out for:

<i>Quarter 1</i>	Basic Skills Unit Unit 1: Modeling Problem Situations
<i>Quarter 2</i>	Unit 2: Exploring & Applying Functions Unit 3: Logical Reasoning & Methods of Proof
<i>Quarter 3</i>	Unit 4: Sequences & Series Unit 5: Exponential & Logarithmic Functions
<i>Quarter 4</i>	Unit 6: Modeling & Analyzing Data Unit 7: Applying Probability Models Unit 8: Angles, Trigonometry, & Vectors

Unexcused/Excused Absences & Make up Work:

Homework, quizzes, and tests may be made up by a student with an excused absence. Homework, quizzes, and tests, may not be made up by a student with an unexcused absence. For every day missed, you will be given a day to make up your work.

Participation/ Preparation: (10%)

Participation/ preparation includes bringing all materials to class, being prepared for each lesson, being an active but respectful part of class, and finishing each warm-up and cool down.

Homework/ Classwork: (30%) all assignments

Quizzes/ Tests: (30%) Quizzes are given periodically. Tests are given at the end of each unit.

Projects: (30%) There are several projects throughout the year.

Course Description:

Integrated 3 is a continuation of Integrated 2. Students will re-visit previously learned topics of the integrated sequences but at a higher level. Advanced algebraic topics include exponential and logarithmic functions, sequences and series, systems of equations and exploring advanced functions. Geometric topics include patterns, proofs, trigonometric patterns and graphs and vectors.

Rules:

1. Be on time.
2. Be honest.
3. Be respectful.
4. Be prepared.
5. Do your best.
6. Keep gum, food, and drinks out of the classroom

Expectations:

Every student is expected to follow each procedure to the best of his or her ability. Students will also be expected to create a positive learning environment in the classroom.

Consequences for Procedures not followed:

Please see the student handbook for the consequences of not following procedures.

Letter Grades:

A	90-100%
B	80-89%
C	70-79%
NC	No Credit

Supplies and Materials Needed:

Notebook, pencil (no pens!), and a folder

Extra Help/ Availability: Any student that needs extra help, unsure about a specific assignment, or has any other issues may reach me at my email address or visit me after school in my classroom. My availability is from 3:30pm to 4:30pm Monday through Thursday. Students or parents may also request an appointment outside of my availability hours.

Integrated Mathematics 3 Syllabus

Parent/ Guardian Section:

I have read the Integrated Mathematics 3 Syllabus.

Parent / Guardian Name (Please print) _____

Parent / Guardian Signature _____

Parent / Guardian Email Address/ Phone Number _____

Student Section:

I have read the Integrated Mathematics 3 syllabus. I understand that I will be held accountable towards all of the procedures and consequences.

Student Name _____ (Please print)

Student signature _____

Email/ Phone Number _____

1) What grade will you earn this quarter?

2) What is something you feel I should know about you?

3) Can I count on you to do your best in our class?

4) If you were to become demotivated, what is something I can politely say to motivate you to stay on track?