**Integrated Math 2 Syllabus**

**Inderkum High School**

**2017-18**

Teacher: **Mr. Mizuno**

Room: G210

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**Course Description**

With the implementation of Common Core State Standards, this math course will look and feel different compared to math classes in the past. We will not just be calculating and solving problems. This course covers the concepts of functions and their characteristics, polynomial operations, quadratic functions, quadratic equations and models, extending quadratic equations, quadratic proofs, similarity and right triangles, properties of circles, volume, and understanding probability.

**Topics Covered**

Unit 1 - Characteristics of Functions

Unit 2 - Polynomial Operations

Unit 3 - Quadratic Functions

Unit 4 - Quadratic Equations and Models

Unit 5 - Extending Quadratic Equations

Unit 6 - Geometric Proof

Unit 7 - Similarity and Right Triangles

Unit 8 - Properties of Circles

Unit 9 - Volume

Unit 10 - Understanding Probability

**Textbook**

Integrated Mathematics 2, Houghton Mifflin Harcourt

**Rules and Student Expectations**

· Have required materials and be in their assigned seats and ready to learn. Students must be sitting in their assigned seat before the tardy bell rings.

· Treat all people in the classroom with common courtesy and respect.

· Obey all school and district rules, including appropriate language in the classroom.

· Communicate with their parents/guardians about progress in the course.

· Phone calls or emails to your parent/guardian will be made for positive student work as well as class disruptions.

· Drinks must have a lid that can be closed, no cans and no soda/energy drinks. Healthy snacks are allowed as long as they do not cause a disruption to the learning environment.

**Test/Quiz Corrections**

-Students may improve their quiz/test grades by completing the quiz corrections form. This is limited to one per quarter.

**Materials**

-Each student needs to purchase a Composition Book that will be used to take notes everyday, solve warm-up problems and complete in-class activities. This notebook must be brought to class daily.

-Lined notebook paper and 2-3 sharpened pencils with erasers.

-Highlighters, glue sticks, scissors, and ruler would be useful but not required.

**Grading Policy**

Tests/Quizzes: 75%

Warm-ups/Participation: 5%

Class assignments/Homework: 20%

100%

**GRADE PERCENTAGE**

A 100 – 90

B 89 – 80

C 79 – 70

D 69 – 60

F 59 and below

**Absences and Late Work**

If you miss class due to an absence, come see me as soon as you return to arrange for any makeup work. In general, you will be given the same number of days to complete the work you missed. Therefore, if you were sick for two days and missed two classes, then you will get two days to complete the work. As mentioned earlier, if something serious comes up, come see me immediately to arrange an extension.

Late work will not be accepted.

**Academic Honesty**

Cheating will result in a score of ZERO on the assignment or assessment. Any talking or communicating during an assessment will be considered cheating. Also, having any unauthorized materials present during an assessment will be considered cheating. By signing this syllabus, you are agreeing to Inderkum High School and the District’s Academic Honesty Policy which can be found on my teacher website or <https://docs.google.com/document/d/1coknppAzQ8P39kL-qQnGYMwv5kiip59KFtd8rQdd2y8>

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ Period \_\_\_\_\_

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_