



AGORA
CYBER CHARTER SCHOOLSM

**Agora Cyber Charter Middle School
Intermediate Math A Syllabus**

**Intermediate Math A
2014-15**

**Mrs. Oakes
(717) 994-1502**

COURSE DESCRIPTION:

Intermediate Mathematics A is the first of a three-year middle school math sequence. This research-based course focuses on computational understanding, conceptual understanding, and problem solving and expands more deeply into concepts of geometry, algebra, and statistics. This engaging course features new graphics and learning tools. Students solve expressions and equations in the context of perimeter, area, and volume problems while further developing computational skills with fractions and decimals. Also in the context of problem solving, students add, subtract, multiply, and divide positive and negative numbers and work with problems addressing net gains and losses. Students solve problems involving ratios, proportions, and percentages with an emphasis on both unit rates and constant rates, as well as problems involving direct variation. They learn multiple representations for communicating information, such as graphs on the coordinate plane, measures of center with statistical data, and a variety of data displays. This course also includes standards-based tasks, digital literacy skills, and multiple question types for assessments.

Length of course: 161 lessons + 19 your choice days. Total lessons: 180

Link to Online Book: <http://k12.kitaboo.com/eBookWs/ebook/maths/maths06/Launch.html#>

SUPPLIES:

Fundamentals of Geometry and Algebra Student Guide
Fundamentals of Geometry and Algebra Reference Guide
Math notebook
Calculator
Protractor
Ruler
Something to write with
A Working Microphone!

ATTENDANCE and PARTICIPATION:

The Agora Cyber Charter School attendance policy is designed to promote maximum achievement, develop time management skills and foster success in the online environment. We will be following the Attendance Policy as outlined in the student handbook. Please see the student handbook for details.

The teacher cannot excuse absences. All notes and technical excuses must be sent to the attendance office via k-mail.

GRADING POLICY:

Please refer to handbook for more information.

- Each graded assignment will be assigned a specific due date.
- After the due date or multiple attempts, teachers are permitted to request a meeting with the Learning Coach and student before unlocking or accepting late assessments/assignments.
- Extra Credit is only awarded for work above the course curriculum/assessments when all assignments/assessments are up to date. Assigning students extra credit is up to the teacher's discretion.

GRADED ASSIGNMENTS:

All grades and assignments will have a specific point value. Your final grade per Marking Period will be your points earned out of the total possible points.

DUE DATES:

Due dates will be determined for each assignment and at teacher discretion. Please remember to check the class **website** and your **kmail** often to keep up on assignment due dates and mark them on a calendar. Failure to meet a deadline will require students to meet with the teacher in order to establish criteria for the assignment to be accepted.

CLASS EXPECTATIONS:

- Students will ACTIVELY participate in daily live sessions.
 - Students will complete daily assignments, quizzes, and tests by their due date.
 - Students will check K-mail at least twice a day.
 - Students will contact the teacher when completing late work.
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Please kmail me and let me know that you have read the policies and understand the procedures for our classroom.

<http://blacksquirrels.weebly.com/>

<http://oakesmath.weebly.com/>

Please include the following information in your kmail.

Your student name and the following statement: I have read and understand the policies of the classroom expectations.