

MA283O/ Math 7.1 Syllabus

Course Title-----	Math 7.1
Course Number-----	MA283O
Grades:-----	07-07
High School Credit Value:-----	0
Prerequisites:-----	Completion of sixth grade mathematics and teacher recommendation.
Course Length:-----	Regular courses: 17 weeks CR: 9-17 weeks.
Course Time:-----	Regular courses: 17 week schedule: 75 - 90 minutes per school day (6-7.5 hours per week) Credit Retrieval: 75 - 90 minutes per school day (6-7.5 hours per week) until course completion.

{ Course Description }

This is the first semester of the year long seventh grade math course. Students progress in their exploration of the world of mathematics, using the FuelEd online text book. They will develop their comfort with mathematical concepts and procedures, introducing them to new concepts while reinforcing old ones. Concepts covered in this course include: integers, exponents and squares, order of operation, fractions, mixed numbers, decimals, connecting fractions and decimals, percents, interest, and solving equations with percents.

iA uses FuelEd curriculum as a math textbook. The student will work and complete lessons within their iA math course units and submit weekly assignments and quizzes.

The assigned math teacher will guide you through this math program as you complete lessons and the graded assignments. The math teacher will communicate with you by e-mail, online meetings, phone, and in person.

Course Materials:

A headset or speakers and microphone are needed for the required online meetings.

State Alignments

Washington State Standards guided the design of the course. Learning expectations are found within the course itself.

The following shows standards being addressed in the full year of seventh grade math.

CCSS	Description	Unit Number
RPR	Ratios and Proportional Relationships	10,
NS	The Number System	1,
EE	Expressions and Equations	2,4, 5, 6,
G	Geometry	16
SP	Statistics and Probability	10, 17,

Course Outline

Unit	Time Frame
1 - Integers	1 Week
2 - Exponents, Squares and Square Roots	1 Week
3 - Order of Operations	1 Week
4 - Comparing and Ordering Fractions	1 Week
5 - Addition and Subtraction of Fractions	1 Week
6 - Multiplication and Division of Fractions	1 Week
7 - Mixed Numbers	1 Week
8 - Solving Equations with Fractions	1 Week
9 - Place Value, Round, Compare and Order Decimals	1 Week
10 - Conversion between Fractions and Decimals	1 Week
11 - Addition and Subtraction of Decimals	1 Week
12 - Multiplication and Division of Decimals	1 Week
13 - Solving Equations with Decimals	1 Week
14 - Connect Fractions, Decimals, and Percents	1 Week
15 - Percent of a Number	1 Week
16 - Percent of Change	1 Week
17 - Simple Interest	1 Week
18 - Solving Equations with Percents	1 Week

Course Work

The homework that is completed for this course is assigned on the student's Learning Plan Contract

or pacing guide found in the student's Unit page. The Learning Plan Contract of 17 weeks is based upon the student's contracted start and end date.

This course currently covers 18 focus concepts each consisting of lessons, assignments, and quizzes. All of which will need to be completed and submitted.

The student will begin each focus concept or unit by going through the online lesson within the FuelEd text book. They will then complete a number of assignments and completing the unit with a unit quiz.

Grading

Grades will be generated from the following:

Lesson Assignments - These formative assessments are found in each unit folder to be completed and submitted.

Lesson Quizzes - Lesson quizzes are found in each of the unit folders. Quizzes will include a combination of multiple choice and problem solving questions.

Revision Policy - The student's goal is to achieve a 70% or better on any assignment and quiz. A score less than a 70%, the student will have the opportunity to revise the work. It will be up to the student to revise the assignment or retake the quiz as the teacher will only recommend the revisions.

Grades - Grades are posted within the iA math course. Students can click on the Student Grades tab in their class to view their grade book. A student may view their grades on their home course page, but will need to remember to click refresh each time they want to view their current grade.

Occupational Credit:

This course may qualify for *occupational credit. Please consult your school counselor for further clarification.

*Please note that FLA901 (Sign Language) does not qualify for occupational credit.

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