

Course Syllabus Report



MA161O Math 6

Meets Graduation Requirements: No

Details

Description

6th grade scholars will focus on three critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; and (3) writing, interpreting, and using expressions and equations.

Ale Course Essential Learnings:

Unit Title With Essential Question

Expressions and Equations

- How are mathematical expressions in which letters stand for numbers useful in real life?

Decimals and Fractions

- How are division and multiplication of a fraction by a fraction related?

Ratios Reasoning

- Why does one need to compare numbers?
- When does one need to use ratios to compare numbers?

Algebraic Thinking

- What is the purpose of identifying equivalent expressions?
- How can variables represent two quantities in a real-world problem that change in relationship to one another?

Positive and Negative Numbers

- How do I use positive and negative numbers in everyday life?
- In what ways can rational numbers be useful?
- In what way can rational numbers be useful?

Default Ale Certificated Teacher: Dylan Kane

Ale Course is Active: 1

Ale Course is Parent Template: 0

State Course Codes:MAT036N (Mathematics (grade 6))

Ale Course Type:NCAA n/a

State Subject Area:Mathematics

SIS Course Code: MA161O

Ale Course Grading Scale: Official Grades are accessed through StudentVUE/ParentVUE A 3.50-4.00 B 2.75-3.49 C 2.00-2.74 F 1.99 or below

Ale Course Available Credits: N/A

Ale Course Prerequisites:

Ale Course Texts:

Ale Course Additional Resources:

Instructional Materials needed: Internet access, computer, (printer, printer paper and ink if needed), modern OS/software/web browser, headphones with microphone- if not built into computer, web cam for virtual sessions, and possible assessments.

Average Number Of Hours Of Study Per Week: 5.00

Syllabus

Ale Course Syllabus:

Objectives

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Expressions and Equations

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Positive and Negative Numbers

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Ale Course Standards:

<https://tinyurl.com/Math6-2021PriorityStandards>

Ale Course Learning Requirements:

Weekly Work Completion: Scholars will submit original work in all classes each week.

Original Work Submissions: Scholars will only submit their original work. If a scholar uses outside sources in the creation of their original work, citations must be present in the format requested by their teacher.

Weekly Communication: Scholars will communicate weekly with their teachers regarding their academic progress.

Functioning Technology/Required Materials: Scholars will always have constant and consistent access to the functioning hardware, software, technology, and required materials necessary to complete their coursework in all classes.

Academic Integrity: Academic integrity is essential to learning. scholars are expected to complete their own work. Copying, plagiarizing, cheating, or other methods of intentional deception are prohibited and could result in the scholar's removal from the class or iA entirely.

IA Policy 1st Offense: The scholar will be contacted by the teacher via phone call, the scholar will be made aware of the plagiarism and examples of how this can be avoided will be discussed. Direct instruction on plagiarism will be delivered by the teacher. iA Administration and other teachers will be made aware of the plagiarism. The work must be redone without plagiarism.

2nd Offense: The scholar and parents will be contacted by the teacher directly and the scholar will have to complete the plagiarized assignment without plagiarism before moving on in the course. iA Administration will be made aware.

3rd Offense: The scholar will be withdrawn from the course or iA depending on the severity and/or frequency of the plagiarism.

WAC (Weekly Academic Contact): State regulations require scholars in online programs to have weekly academic contact with each teacher. This occurs by engaging with the curriculum and online instruction, submitting assignments to make progress in learning, and successfully completing courses. Scholars have multiple opportunities and methods to achieve weekly academic contact and receive teacher assistance and feedback: email, message, live online sessions, assignments, phone, and/or face-to-face meetings by appointment.

when applicable and in accordance with social distancing guidelines.
In accordance with new state law the iA Weekly Academic Contact policies are changing. To ensure the success of all iA scholars, Weekly Academic Contact is required to remain enrolled at iA.
1st week missed WAC= Notification of missed WAC that informs scholars and parents of the consequences of additional missed WAC.
(Step 1)
2nd consecutive or 3rd cumulative week of missed WAC= The scholar and parent must conference with a designee to discuss the missed contact, administer a “screener”, and develop a data-based interventions plan. (Step 2)
5th consecutive OR 6 cumulative of missed WAC= BECCA petition will be filed. (Step 3)

Ale Course Academic Goals:

Completing math at grade level, level 6th grade.

Activities

Ale Course Learning Activities:

Students will take the i-Ready Math Diagnostic Assessment three times throughout the year, fall, winter, and spring to help measure the students mathematics growth.

i-Ready Classroom Mathematics uses a set of learning routines called Try-Discuss-Connect routine, that helps students engage in discourse as they develop a deeper understanding of mathematics. It allows students to develop the skills and strategies needed to become mathematical thinkers and lifelong problem solvers.

Students will begin each lesson with an introduction to the lesson with a Family Letter and a Setting the Stage warmup to the week, including a discussion activity.

Each lesson will include sessions where students use the Try-Discuss-Connect method of i-Ready Math.

Students will be invited to attend a weekly Zoom session at which time a lesson/instruction will be offered to better assist in the understanding of the standard(s) being presented.

After going through a set number of pages in the student's workbook, the student will complete a lesson summative assessment in which they will demonstrate to the instructor their full understanding the standard(s).

Activity Selections

- Text Books and/or Work Books.

Evaluation

Ale Course Evaluation Methods:

MPR
(Monthly Progress Review)

Each month teachers decide whether a scholar is making Satisfactory or Unsatisfactory progress in each course. Then the homeroom/advisory teacher will determine if scholar is overall Satisfactory or Unsatisfactory for the month.

Secondary (6-12) - to be overall SATISFACTORY for the month, a scholar must be passing half or more of their courses.

Three consecutive months of Unsatisfactory Progress will result in a course reduction - which may affect graduation for high school scholars.

Four consecutive months of Unsatisfactory progress will result in complete withdrawal from iA. Scholars withdrawn from iA for Unsatisfactory progress may not re-enroll until the following school year.

Timelines:

September Timeline:

Complete all lessons and assignments in the September module on your "modules" page in Canvas.

October Timeline:

Complete all lessons and assignments in the October module on your "modules" page in Canvas.

November Timeline:

Complete all lessons and assignments in the November module on your "modules" page in Canvas.

December Timeline:

Complete all lessons and assignments in the December module on your "modules" page in Canvas.

January Timeline:

Complete all lessons and assignments in the January module on your "modules" page in Canvas.

February Timeline:

Complete all lessons and assignments in the February module on your "modules" page in Canvas.

March Timeline:

Complete all lessons and assignments in the March module on your "modules" page in Canvas.

April Timeline:

Complete all lessons and assignments in the April module on your "modules" page in Canvas.

May Timeline:

Complete all lessons and assignments in the May module on your "modules" page in Canvas.

June Timeline:

Complete all lessons and assignments in the June module on your "modules" page in Canvas.