Ramp Up Mathematics Program is designed to accelerate learning for striving students in preparation to meet grade-level expectations in math. The program builds students’ competence and confidence as math learners to establish a pattern of achievement in school. Students engage in classroom skills practice, problem solving, and mathematical reasoning. The course will cover foundations of algebra, numbers and the number line, fractions, decimals and percents, ratios and graphs. Lessons incorporate a workshop model that focuses on students and their work with discussions, justifications, and presentations in a language and content rich environment. This course is designed for students’ entering middle school high school two to three years behind in mathematics.

Units and Activities: What will we be learning about and doing in this course?
Ramp Up Mathematics is built around a design that promotes investigation of math within eight units and the corresponding lessons. All lessons require students to analyze concepts deeply, to consider the validity of their problem solving strategies, and to explain their work to a partner or small group to enhance their understanding of mathematics.

Standards: What knowledge and skills will I gain by the end of this course?
This course will assess the knowledge and skills students build in key Anchor Standards and Content Standards.

Anchor Standards: This course will assess the knowledge and skills students build in the Mathematics Anchor Standards. A student will be assessed based on these Anchor Standards and/or their educational plans and have multiple opportunities to show their proficiency.

Content Standards: This course builds student knowledge using the Common Core State Standards. The content standards for Ramp Up Mathematics are:

7.NS.A Apply and extend previous understandings of multiplication and division to divide fractions by fractions.

7.NS.B Compute fluently with multi-digit numbers and find common factors and multiples.

7.NS.B.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

7.NS.B.4 Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12. Use the distributive property to express a sum of two whole numbers 1-100 with a common factor as a multiple of a sum of two whole numbers with no common factor.

7.NS.C Apply and extend previous understandings of numbers to the system of rational numbers.

7.EE.A Apply and extend previous understandings of arithmetic to algebraic expressions.
7.EE.B Reason about and solve one-variable equations and inequalities.

7.EE.C Represent and analyze quantitative relationships between dependent and independent variables.

Assessment of Learning:
For information about assessment types, scoring, and overall grade calculation: [click here].

Communication:

How Do I Access Work from Home, and What Should I Expect?
● All work will be posted in Google Classroom.
● The work will be explained during our in-person meetings and/or by video posted to Google Classroom.
● The work will also be explained in our Class Planner posted to Google Classroom.
● If you have any questions, email your teacher.

How Do I Know What My Grades Are?
● On Summative Assessments, teachers will provide both a 4-point grade and a letter grade.
● You can monitor your progress in the following ways:
   ○ By reading feedback and scoring returned to students on summative assessments.
   ○ By monitoring the scores and Overall Course Mastery Grade in the Parent/Student portal on JumpRope. Reminders to check grades will be sent from the school.
   ○ Communicating with your teacher if you are unclear.

Where Can I Find This Syllabus during the School Year?
● This syllabus will be available on the school website in each subject’s department tab once the school year is up and running. It will also be available in our Google Classroom.

How Do I See What’s Due?
● Assignment and summative assessment due dates with handouts are posted in Google Classroom, with connection to Google Calendar, for student access.

How Do I See What’s Past Due?
● If a student is missing a grade on an assessment, it will be listed in the red “Missing Assessment” section of the JumpRope Parent/Student Portal along with any attachments. Please contact your teacher if you have any questions.

Materials:
Students will work with the Ramp Up Mathematics Program materials. All materials needed for the course will be kept in the classroom.

Schoolwide Procedures:
Please see the Student Handbook for Procedures and Policies related to: Due dates and deadlines, extra credit, retaking assessments, and turnaround time for grade entry.

**Personal Mobile Devices:** This class will follow the procedures outlined in the student handbook.

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**Classroom Expectations:**

Please see the Student Handbook for Procedures and Policies related to: Due dates and deadlines, extra credit, retaking assessments, and turnaround time for grade entry. **Personal Mobile Devices:** This class will follow the procedures outlined in the student handbook.

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