

MA 161O\_Math 6

Course Basics				
Course Code:	CEDARS Code:	Grade Level:	Credit Value:	NCAA Approved:
MA161O-YR	O2036N	6	N/A	N/A
Prerequisites:		Course Length:	Course Time:	FWPS Standards (link)
5th grade Math		36 Academic Weeks	56 Minutes per day OR 4 hours 40 minutes each week	<a href="https://www.fwps.org/cms/lib/WA01919399/Centricity/domain/796/6th-12th-grades/math/6th-Grade-Math-Priority-Standards-PS3.pdf">https://www.fwps.org/cms/lib/WA01919399/Centricity/domain/796/6th-12th-grades/math/6th-Grade-Math-Priority-Standards-PS3.pdf</a>

**Required Materials: Internet access, computer, printer, printer paper and ink, modern OS/software/web browser, headphones with microphone- *if not built into computer***

**•3-ring binder with subject dividers**

**•Loose leaf paper**

**•Math journal (spiral or composition notebook)**

**•Basic school supplies: pencils, erasers, scissors, glue, and colored pencils, crayons, or markers**

***Please note: The materials listed above are suggestions. Also, some lessons may require everyday household materials. Please feel free to substitute and supplement materials as needed. If you have any difficulty locating something please let me know.***

**Course Description: The course is based on the sixth-grade mathematics priority standards for Federal Way School District. Students access lessons in their online text, Apex. They will take formative assessments in Apex as well. Then they return to the main iA course page to show what they have learned in a summative assessment.**

**There will also be weekly opportunities to meet in an online classroom with the teacher and other students and practice the mathematical concepts. For some concepts there are extra resources or videos in the course..**

Instructor Information	
Name: Roberta Noorda	Email:rnoorda@fwps.org
Remind App Code:eacc29dh8h	Virtual Sessions: TBA

## Expected Learning Outcomes

In this course, students will

The student will understand ratio concepts and use ratio reasoning to solve problems.

The student will apply and extend previous understandings of multiplication and division to divide fractions by fractions.

The student will compute fluently with multi-digit numbers and find common factors and multiples.

The student will make sense of problems and persevere in solving them.

The student will reason abstractly and quantitatively.

The student will model with mathematics.

The student will use appropriate tools strategically.

The student will attend to precision.

The student will look for and make use of structure.

The student will look for and express regularity in repeated reasoning.

The student will apply and extend previous understandings of arithmetic to algebraic expressions.

The student will reason about and solve one-variable equations and inequalities.

The student will represent and analyze quantitative relationships between dependent and independent variables.

The student will solve real-world and mathematical problems involving area, surface area, and volume.

The student will develop understanding of statistical variability.

The student will summarize and describe distributions.

<b>Standards Alignment</b>	See Course Learning Plan Contract (LPC)
<b>Assessment Methods</b>	Formative Assessments: Students take quizzes in Apex as formative assessments. Summative Assessments: There are weekly checkpoints in the course where students must show all thinking and work on various concepts. There are also Unit tests in Apex at the end of each unit that are counted towards the students grade.
<b>Grading Methods</b>	All summative assessments will be graded according to the corresponding rubrics. Only summative assessment scores will calculate toward a student's final grade. Each summative assessment is linked to an FWPS Priority Standard (PS), and each PS is a part of a grading/reporting "bucket."
<b>Grading Scale</b>	Excelling (EX)= 90%-100% Meeting (ME)= 70%-89% Approaching (AP)= 60%-69% Beginning (BE)= 0%-59%

<b>Student Expectations</b>	
<b>Weekly Work Completion</b>	Students will submit original work in all classes each week.
<b>Original Work Submissions</b>	Students will only submit their original work. If a student uses outside sources in the creation of their original work, citations must be present in the format requested by their teacher.
<b>Weekly Communication</b>	Students will communicate weekly with their teachers regarding their academic progress.
<b>Functioning Technology/ Required Materials</b>	Students will always have constant and consistent access to the functioning hardware, software, technology, and required materials necessary to complete their coursework in all classes.

<b>iA Policies Required for Enrollment</b>	
<b>Academic Integrity</b>	<p>Academic integrity is essential to learning. Students are expected to complete their own work. Copying, plagiarizing, cheating or other methods of intentional deception are prohibited and could result in the student's removal from the class or iA entirely.</p> <p><i>AI Policy-1st Offense: The student will be contacted by the teacher via phone call, the student will be made aware of the plagiarism and examples of how this can be avoided will be discussed and shared. Direct instruction on plagiarism will be delivered by the teacher. iA Administration and other teachers will be made aware of the plagiarism. 2nd Offense: The student and parents will be contacted by the teacher directly and the student will have to complete the plagiarized assignment without plagiarism before moving on in the course. iA Administration will be made aware. 3rd Offense- The student will be blocked from the course until the student and parents meet with the teacher and iA Administration to discuss iA Academic Integrity policy. 4th Offense- The student will be withdrawn from the course or iA depending on the severity of the plagiarism and the frequency with which it is happening in other courses.</i></p>
<b>WAC (Weekly Academic Contact)</b>	State regulations require students 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. Students have

	<p>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.</p> <p><i>WAC Policy- If a student consistently fails to meet WAC requirements after 20 consecutive days they will be withdrawn and their neighborhood school will be notified to enroll them there. To re-enroll with IA you must have a meeting with an administrator. Above is the policy through December 31st,2020.</i></p> <p>Beginning in January 2021, in accordance with new state law the iA Weekly Academic Contact policies are changing. To ensure the success of all iA students, Weekly Academic Contact is required to remain enrolled at iA.</p> <p>1st week missed WAC= Notification of missed WAC that informs students and parents of the consequences of additional missed WAC. (Step 1)</p> <p>2nd consecutive or 3rd cumulative week of missed WAC= The student and parent must conference with a designee to discuss the missed contact, administer a “screener”, and develop a data-based interventions plan. (Step 2)</p> <p>5th consecutive OR 6 cumulative of missed WAC= BECCA petition will be filed. (Step 3)</p>
<p><b>MAP (Monthly Academic Progress)</b></p>	<p>Washington state law requires that students receive a monthly academic progress report and that students respond to all MAP reports they receive. MAP reports are emailed monthly to their Genius Message account and students must reply through the Genius system to EACH MAP report they receive. Students earn an academic progress mark each month for each class based on their progress as compared to their individual Learning Plan Contract and the course completion date. Students earn OP if they are on pace with their LPC/course pacing or BP if they are behind the pace of their LPC/course pacing. BP marks involve communication with the parent/guardian and an intervention plan to give the student additional opportunities to get back on pace toward successful course completion. Multiple probation reports may result in withdrawal from the course or school.</p> <p><i>MAP Policy- If a student fails to reply to the MAP report within 2 weeks of receiving it, the student will be blocked from that class until they contact their teacher directly and show proof that they have replied to MAP.</i></p>
<p><b>Email/Software Agreements</b></p>	<p>Students agree to maintain constant and consistent access to the technology and software needed to complete their iA courses. If students cannot maintain constant and consistent access to needed technology they will be withdrawn from iA.</p>
<p><b>Professional Discretion</b></p>	<p>Teachers reserve the right to make adjustments to the course, content, pacing, and expectations at any time. Students and parents will be notified via email of any changes made after the course has started.</p>