

Name: Sheila M. Williams

Course: Honors Algebra I Cordova Middle School

State Standard	1 st Nine Weeks	2 nd Nine Weeks
<p>Extended reading assignments that connect with specified curriculum.</p>	<p>Students are gathering information to create an encyclopedia that will be submitted at the end of the school year.</p>	<p>Continuance of the first nine-weeks – ongoing project.</p>
<p>Projects that apply course curriculum to relevant or real-world situations.</p>	<p>At the bottom of each page of the encyclopedia, students are required to describe how professionals utilize specific math concepts on a daily basis.</p>	<p>Continuance of the year-long project.</p>
<p>Open-ended investigations in which the student selects the questions and designs the research.</p>	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Students are investigating the life of a famous mathematician. This will include how the mathematics is used in the real world.</p> </div>	
<p>Writing assignments that demonstrate a variety of modes, purposes and styles, including research.</p>	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Students are creating a holistic project investigating the life and accomplishments of a famous mathematician.</p> </div>	
<p>Integration of appropriate technology into the course of study.</p>	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>We are in the process of purchasing Casio Prizm calculators. These calculators are so advanced, students will be able to apply what they learn from it to upper level mathematics.</p> </div>	
<p>Deeper exploration of the culture, values, and history of the discipline.</p>	<p>This is done on a weekly basis. I have incorporated information that I have learned from my undergraduate classes, Number Theory and History of Mathematics. Students are able to incorporate these college courses to real-world situations.</p>	
<p>Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation.</p>	<p>Students have created their own word problems that could be included on standardized tests.</p>	<p>Students are going to be creating a polyhedron that starts from a circle, turns into an equilateral triangle, and evolves into a three-dimensional sphere.</p>

State Standard	3 rd Nine Weeks	4 th Nine Weeks
Extended reading assignments that connect with specified curriculum.	Students are gathering information to create an encyclopedia that will be submitted at the end of the school year.	Continuance of the year-long project. This will be submitted by the first week in May.
Projects that apply course curriculum to relevant or real-world situations.	At the bottom of each page of the encyclopedia, students are required to describe how professionals utilize specific math concepts on a daily basis.	Continuance of the year-long project. This will be submitted by the first week in May.
Open-ended investigations in which the student selects the questions and designs the research.	Students will be developing questions for a practice EOC test. Students will be able to use their work from the encyclopedias they wrote to develop these questions.	
Writing assignments that demonstrate a variety of modes, purposes and styles, including research.	On my website, http://sheilawilliams.synthasite.com , I include resources for students to explore at their leisure. I add resources as I find quality sites.	
Integration of appropriate technology into the course of study.	Casio Prizm calculators - These calculators are so advanced, students will be able to apply what they learn from it to upper level mathematics.	
Deeper exploration of the culture, values, and history of the discipline.	Students will continue to learn about concepts from Number Theory and History of Mathematics. I will be applying the appropriate Algebra I concept to the college-level lesson.	
Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation.	Students will be given extensive lessons on test taking skills to prepare them for the EOC in May. I have been doing this throughout the year, but I am going to “push” these skills, showing them how to delete bogus answers from a	Students are going to be creating a polyhedron that starts from a circle, turns into an equilateral triangle, and evolves into a three-dimensional sphere, but this time they will be using family pictures so that they will be giving them to their

	standardized test, giving them the opportunity to earn higher scores on these tests.	mothers/grandmothers/female guardians for Mother's Day Gifts.
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