

Name: Sheila M. Williams

Course: Honors Pre-Algebra Cordova Middle School

State Standard	1 st Nine Weeks	2 nd Nine Weeks
Extended reading assignments that connect with specified curriculum.	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.	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.
Projects that apply course curriculum to relevant or real-world situations.	Please see below for the project on creating a board game.	Please see below for the project on creating a board game.
Open-ended investigations in which the student selects the questions and designs the research.	Students are creating a board game that relates to real world situations. Groups of six or seven students contributed ideas, thoughts, and supplies for their creations. Since the project from the previous quarter could only be worked on in class, I am allowing students to submit their work in the beginning of the second quarter.	
Writing assignments that demonstrate a variety of modes, purposes and styles, including research.	On a daily basis, students related the concepts they are taught to the real world. This is included in their notes in their closing exercises.	
Integration of appropriate technology into the course of study.	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.	
Deeper exploration of the culture, values, and history of the discipline.	One per semester. Teacher selects the grading period.	
Extensive opportunities for problem-solving	Students have created their own word problems that could be	Students are going to be creating a polyhedron that starts from a circle,

experiences through imagination, critical analysis, and appreciation.	included on standardized tests.	turns into an equilateral triangle, and evolves into a three-dimensional sphere.
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State Standard	3 rd Nine Weeks	4 th Nine Weeks
Extended reading assignments that connect with specified curriculum.	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.	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.
Projects that apply course curriculum to relevant or real-world situations.		The project listed below will include a component, "How is _____'s Math Used In The Real World?" The _____ is the mathematician.
Open-ended investigations in which the student selects the questions and designs the research.	<div data-bbox="597 909 1352 1087" style="border: 1px solid black; padding: 5px;"> <p>Students will be investigating the life of a famous mathematician. This will include how the mathematics is used in the real world.</p> </div>	
Writing assignments that demonstrate a variety of modes, purposes and styles, including research.	<div data-bbox="597 1129 1429 1329" style="border: 1px solid black; padding: 5px;"> <p>For their semester exam, students will be assigned a "take-home " part of the exam. Students will be required to write about five professionals who utilize math, specifically the concepts that will be taught this school year, in their daily tasks.</p> </div>	
Integration of appropriate technology into the course of study.	<div data-bbox="597 1381 1304 1560" style="border: 1px solid black; padding: 5px;"> <p>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>	
Deeper exploration of the culture, values, and history of the discipline.	<div data-bbox="597 1591 1409 1717" style="border: 1px solid black; padding: 5px;"> <p>Students will be creating a holistic project investigating the life and accomplishments of a famous mathematician.</p> </div>	
Extensive opportunities for problem-solving experiences through	Students will be given extensive lessons on test taking skills to prepare them for the TCAP in April. I	Students are going to be creating a polyhedron that starts from a circle, turns into an equilateral triangle,

imagination, critical analysis, and appreciation.	have been doing this throughout the year, but I am going to “push” these skills, showing them how to delete bogus answers from a standardized test, giving them the opportunity to earn higher scores on these tests.	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 mothers/grandmothers/female guardians for Mother’s Day Gifts.
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