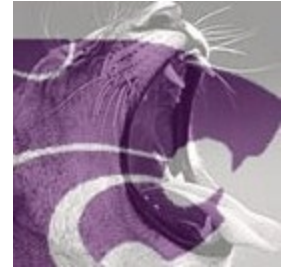




# Welcome to Ms. Campe's Math Class

Arvada West High School

2021-2022 Syllabus



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(All communication is through Schoology and email. See above link for more information.)

\*If Schoology is down, check your school email for directions please!

## Course Objectives - Extra Help - Links to Standards and Conduct Code

<p><u>Algebra 1</u>          Generalizing Patterns          Reasoning with Equations and Inequalities          Modeling with Linear Functions          Quadratics and Polynomials          Modeling with Exponential Functions          Descriptive Statistics          Analyzing Functions          Algebraic Reasoning with Geometric Concepts</p>	<p><u>Room #229 (west wing)</u></p> <p><u>Extra Help:</u></p> <p>Office Hours on Monday mornings</p> <p>Or</p> <p>Connections on Wednesdays and Fridays</p>
<p><u>Inferential Probability and Statistics</u>          Attend to precision in processes and analysis          Identify appropriate approaches to gather data          Reasoning behind ethical experiments and studies          Identify bias in studies and reports          Analyze and interpret a normal distribution          Interpret data, make inferences and justifications          Represent data using graphical representations          Write conclusions based on the analysis of data          Understand and apply probability rules          Develop and conduct simulations          Write hypotheses and test errors and power          Develop and interpret linear regression models          Interpret confidence intervals          Calculate and interpret p-values</p>	<p>Links: <a href="#">Jefferson County Standards</a></p> <p><a href="#">Colorado State Standards</a></p> <p><a href="#">U.S. National Standards</a></p> <p>All rules of the <a href="#">Conduct Code</a> will be enforced.</p>

Grading Policy, Weighted Grade Percents, and Assessments:

Algebra 1 – A 90% - 100%, B 80% - 89%, C 70% - 79%, D 60% - 69%, F 59% and lower

Practice, Participation, Perseverance (PPP) Assignments (weighted 20%):

Learning Target Assessments (weighted 80%):

Inferential Probability and Statistics – A 90% - 100%, B 80% - 89%, C 70% - 79%, D 60% - 69%, F 59% and lower

Practice and Participation Assignments (weighted 10%):

Formative Learning Target Assessments ( weighted 20%):

Summative Learning Targets Project (weighted 70%):

Students will be working on a project throughout the semester to show content mastery. This project is intended to be adjusted and expanded throughout the semester until perfected.

Since being successful at math is a work in progress, you can make corrections/redo/make-up anything and everything in my class, within the 6-week grading period. Practice and fixing mistakes is essential to mastery of the course content. The Learning Target Assessments will demonstrate students' depth of knowledge and understanding of the course concepts. Please do not take advantage of this "growth mindset," but use corrections and discussing errors with teachers and peers as an important part of your learning experience. Advocate for your learning styles and needs, communicate with me through email or in-person, and use connections and office hours for extra support.

Specific Supplies needed for this class:

1. Notebook: 3-ring math binder; loose-leaf notebook paper or a spiral for each semester , dividers for notebook.
2. \*\*\*Graphing Calculator\*\*\* A graphing calculator is strongly encouraged for every math class!! The best option is a hand held Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84+. (Do Not purchase a CASIO and Do Not purchase the Inspire or other TIs higher than 84 as we are not trained in these and the smartboards are set for TI-84).

Classroom Set-Up and Extra Help:

In addition to note-taking, investigations, group inquiry tasks, practice, and projects will also be included. The Awest 1:World will be implemented so access to technology is necessary for this course. Students will be responsible to check the Schoology website for notes, videos, possible online class meetings, and announcements. The internet, chromebooks, document camera, clickers, and graphing calculators will be used during class lessons. There will be consequences and/or suspensions if students are being inappropriate or misusing any device. I am available for extra help and small groups during office hours and connection times. I'm happy to help! This is my 16th year at AWest and I'm excited to get to know you and help you learn math, let's have a great semester!