

# Quarter 3 Newsletter

CRMS 8th Grade

January 19, 2022 to March 22, 2022

## Welcome Parents!

At the beginning of each quarter, you will receive a newsletter just like this that highlights the learning your child will receive the following quarter.

### 1. How do I know my child is learning?

- Ask them! “Hey, Zoey, what can you tell me about surface area?” “Hey Marco, why did people go from a nomadic life to a more settled life?” “Hey Paula, it is cloudy today. What kind of clouds are in the sky?” “Hey Bob, what athletic techniques did you learn in PE?”
- Assessments! Classwork, quizzes, tests, projects, writing samples, homework, online programs (ALEKS, Achieve 3000, Newsela)

### 2. Does my child learn the same content and skills in General Education classes as other students do in Honors classes?

- Good question. Camp Road offers Algebra I in 8th grade, so students who are “on that track” need to learn 6th, 7th, and 8th grade standards during their 6th and 7th grade years. Science, social studies, and English language arts are more text based, so the “honors” portion is in the depth of the knowledge taught (more critical thinking). Honors students in these three subjects can learn more than the grade level standards require, however we seek a deep analytical understanding of the content.

Questions? Contact your child’s teacher.

## What are we learning this quarter?

Subject	Focus	Skills needed
8th Grade Math	<ul style="list-style-type: none"><li>Investigate and solve real-world and mathematical problems involving systems of linear equations in two variables with integer coefficients and solutions.</li><li>Solve real-world and mathematical problems involving volumes of cones, cylinders, and spheres and the surface area of cylinders.</li><li>Investigate bivariate data; Draw an approximate line of best fit on a scatter plot that appears to have a linear association and informally assess the fit of the line to the data points; Apply concepts of an approximate line of best fit in real-world situations; Investigate bivariate categorical data in two-way tables; Organize data in matrices with rational numbers and apply to real-world and mathematical situations.</li></ul>	<ul style="list-style-type: none"><li>Graph systems of linear equations and estimate their point of intersection.</li><li>Understand and verify that a solution to a system of linear equations is represented on a graph as the point of intersection of the two lines.</li><li>Solve systems of linear equations algebraically, including methods of substitution and elimination, or through inspection.</li><li>Understand that systems of linear equations can have one solution, no solution, or infinitely many solutions.</li><li>Collect bivariate data.</li><li>Graph the bivariate data on a scatter plot.</li><li>Describe patterns observed on a scatter plot, including clustering, outliers, and association (positive, negative, no correlation, linear, nonlinear).</li><li>Find an approximate equation for the line of best fit using two appropriate data points.</li><li>Interpret the slope and intercept.</li><li>Solve problems using the equation.</li><li>Organize bivariate categorical data in a two-way table.</li><li>Interpret data in two-way tables using relative frequencies.</li><li>Explore patterns of possible association between the two categorical variables.</li><li>Understand that a matrix is a way to organize data.</li><li>Recognize that a <math>m \times n</math> matrix has <math>m</math> rows and <math>n</math> columns.</li><li>Add and subtract matrices of the same size.</li><li>Multiply a matrix by a scalar.</li></ul>
Algebra I	Information forthcoming	Information forthcoming

# What are we learning this quarter? continued

Subject	Focus	Skills needed
<b>English Language Arts (General and Honors)</b>	<ul style="list-style-type: none"> <li>Determine meaning and develop logical interpretations by making predictions, inferring, drawing conclusions, analyzing, synthesizing, providing evidence and analyzing multiple interpretations.</li> <li>Summarize key details and ideas to support analysis of central ideas.</li> <li>Interpret and analyze the author's craft, and how it shapes meaning and tone in various texts.</li> <li>Analyze and provide evidence of how the author's choice of purpose and perspective shapes content, meaning, and style.</li> <li>Analyze and critique how the author uses structures in various texts to craft information and argument writing.</li> </ul>	<ul style="list-style-type: none"> <li>Cite evidence that supports an analysis of the text</li> <li>Provide an objective summary of a text with central ideas and key supporting details</li> <li>Analyze impact of figurative, connotative, and technical meanings of words and phrases</li> <li>Determine an author's perspective or purpose and analyze how the author acknowledges or responds to conflicting evidence or viewpoints.</li> <li>Analyze the impact of text features and structures on authors' similar ideas or claims about the same topic.</li> <li>Analyze and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when the irrelevant evidence is introduced.</li> </ul>
<b>Social Studies (General and Honors)</b>	<ul style="list-style-type: none"> <li>Demonstrate an understanding of how South Carolinians and Americans created a revolutionary form of government during the period of 1757-1815.</li> <li>Demonstrate an understanding of conflict and compromise in South Carolina, the Southern region, and the United States as a result of sectionalism between the period 1816-1865 by identifying and explaining issues</li> </ul>	<ul style="list-style-type: none"> <li>Analyze primary and historical sources</li> <li>Analyze immigration trends using geography/mapping skills</li> <li>Explain origins and importance of political party systems</li> <li>Identify conflicts and compromises between SC's Lowcountry and Backcountry</li> <li>Identify and explain SC's societal class structure</li> <li>Analyze historical perspectives on the institution of slavery and its impact on westward expansion and national politics</li> <li>Explain issues involving states' rights and SC's decision to secede from the Union</li> </ul>
<b>Science (General and Honors)</b>	<p><b>The Moon and Its Effects on Earth</b></p> <ul style="list-style-type: none"> <li>Develop, use, and refine models to understand or represent phenomena, processes, and relationships; test devices or solutions; or communicate ideas to others.</li> <li>Construct explanations of phenomena using primary or secondary scientific evidence and models; conclusions from scientific investigations; predictions based on observations and measurements; or data communicated in graphs, tables, or diagrams.</li> </ul>	<ul style="list-style-type: none"> <li>Tides (Spring &amp; Neap) Solar Flares</li> <li>Lunar Movement; Comets; Seasons</li> <li>Rotation Solar System; Phases of the Moon</li> <li>Lunar eclipse; Solar eclipse</li> </ul> <p>Process Skills Practiced:</p> <ol style="list-style-type: none"> <li>Identifying Patterns</li> <li>Cause and Effect</li> <li>Systems and System Models</li> </ol>

## Important events:

Week of January 24	Q2 Report cards distributed
February 4	eLearning Day
February 18	Early Release Day
February 21	eLearning Day
March 11	eLearning Day
March 22	Q3 Ends

## REMIND 101 & GOOGLE CLASSROOM

Please sign up for your child's teacher's [Remind 101](#). You can use the app or receive text message updates from your child's teacher. Common updates include school updates (spirit days, grade level challenges, PTO info, etc.), homework, and quiz or test dates. In addition to this, you can be added to your child's Google Classroom. Simply send the teacher an email saying you'd like to be linked to Google Classroom and what email you wish to use. You will receive an email from Google Classroom that you **MUST** accept in order to receive updates. To see the full Classroom, ask your child to log into Google Classroom. You will be able to see completed work, missing assignments, and you can verify if blank assignments have been turned in! 😊