

Mrs. Solano

7th & 8th Math + Science

Teaching Hours for 7th grade: 10-11 am

Teaching Hours for 8th grade: 12-1pm

Office Hours for 8th grade & parents: 9-10am

Office Hours for 7th grade & parents: 11-12

Mr. V Office Hours: 9:00-11:00 (No Thursdays)

Mr. V teaching hours: 8th grade 9:30 - 10:00, 7th grade 11:30 - 12:00

Ms. Carter's Class Link: <https://sites.google.com/cps.edu/whittierphysedhealth/home>

Lesson Plans Week of: May 25- 29, 2020

7th GRADE

Science

Standard	Objective(s)
MS-ESS2-2: Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. MS-ESS3-1: Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes. MS-ESS1-3. Analyze and interpret data to determine scale properties of objects in the solar system.	Los estudiantes podrán usar la lectura para poder hacer relaciones entre los átomos. Los estudiantes podrán realizar investigaciones y analizar evidencia a medida que conectan ideas sobre tipos atmos y cambio naturales.

Math

Standard	Objective(s)
CCSS.MATH.CONTENT.7.NS.A.1 Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram. CCSS.MATH.CONTENT.7.NS.A.2 Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers. CCSS.MATH.CONTENT.7.NS.A.3 Solve real-world and mathematical problems	Los estudiantes podrán encontrar el ángulo que hace falta en un triángulo o en una figura. Los estudiantes podrán hacer observaciones de ángulos que hacen falta Los estudiantes podrán identificar los ángulos y lados correspondientes.

involving the four operations with rational numbers.1	
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	Action Plan
Monday 05/25/20	No Remote Learning
Tuesday 05/26/20-Math Live Session at 10am	<p>60 min Math:</p> <p>-Watch the video uploaded on Google Classroom -Watch the two videos before practicing the skill: https://www.khanacademy.org/math/geometry/hs-geo-foundations/hs-geo-polygons/v/sum-of-interior-angles-of-a-polygon https://www.khanacademy.org/math/geometry/hs-geo-foundations/hs-geo-polygons/v/proof-opposite-angles-of-parallelogram-congruent</p> <p>PRACTICE: Please complete the attached worksheet. If you can print out please print out and solve all problems, take a picture of your work and email it to me. If you can't print, please write it out on looseleaf paper, solve it, and email it to me. sbustamante9@cps.edu</p> <p>Worksheet: https://docs.google.com/presentation/d/19l_4wZtmDRGFrv6IC6QLCYQCGjvkN7KWocZA-DY7LY/edit?usp=sharing</p>
Wednesday 05/27/20-Science	<p>60 min Science:</p> <p>Watch the Video on Google Classroom</p> <p>PRACTICE: Log into Amplify Go to the unit: Chemical Reactions Then Chapter 2 Lesson 2.2 Please start with the warm up where you are asked to open a Sim and then answer a question. When you're done please press "Hand in" Then continue to activity 2, where you will practice with a Sim. Then you will answer the questions from the Sim. Then continue to activity 3. As you're completing each activity please make sure you're pressing "Hand In"</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815550c47f015579c8d5436fbd/ff8080815550c47f0155795a4f466b3b/ff8080815550c47f015579af27776ecf?cardKey=ff8080815550c47f015579cada646fce</p>

<p>Thursday 05/28/20-Math</p>	<p>60 min Math: Watch the video uploaded on Google Classroom Watch the videos: https://www.khanacademy.org/math/basic-geo/basic-geo-angle/vert-comp-supp-angles/v/complementary-and-supplementary-angles https://www.khanacademy.org/math/basic-geo/basic-geo-angle/basic-geo-angle-types/v/acute-right-and-obtuse-angles</p> <p>PRACTICE: Please complete the attached worksheet. If you can print out please print out and solve all problems, take a picture of your work and email it to me. If you can't print, please write it out on looseleaf paper, solve it, and email it to me. sbustamante9@cps.edu</p> <p>Worksheet: https://docs.google.com/presentation/d/18lyumA-mDuaLo1XsX_14yM-n9FYU9hYQevvEunLhdwE/edit?usp=sharing</p>
<p>Friday 5/29/20-Science</p>	<p>60 min Science: Watch the video uploaded on Google Classroom PRACTICE: Log into Amplify Go to the unit: Chemical Reactions Then Chapter 2 Lesson 2.5 Please start with the warm up where you are assigned a color and will answer the question that is for your color group. Then continue to the teacher part. In this part, you have to watch a video that is uploaded on Google Classroom. Then continue to Activity 2. For Activity 2 you are assigned a specific color and you may work with someone else via phone. Just make sure to push "Hand In" Then continue to activity 3. You have to answer the question via google doc and share with me. As you're completing each activity please make sure you're pressing "Hand In"</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f808081559288de015592b468cf00d0/ff8080815550c47f0155795a4f466b3b/ff808081558b27b20155927247a001ff?cardKey=ff808081559288de015592baf6900fa&tgActive=guide</p>

8th GRADE

Science

Standard	Objective(s)
<p>MS-PS2-3: Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.</p> <p>MS-PS2-4: Construct and present arguments using evidence to support the claim that gravitational interactions are attractive and depend on the masses of interacting objects.</p> <p>MS-PS2-5: Conduct an investigation and evaluate the experimental design to provide evidence that fields exist between objects exerting forces on each other even though the objects are not in contact.</p> <p>MS-PS3-2: Develop a model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.</p>	<p>Los estudiantes podrán desarrollar ideas básicas disciplinarias en ciencias físicas mientras se apoya el desarrollo de prácticas científicas clave.</p> <p>Los estudiantes podrán desarrollar el uso de modelos, el análisis de datos y la construcción de explicaciones científicas.</p> <p>Los estudiantes podrán analizar los datos para poder hacer una conclusión de lo que le paso al nave espacial.</p>

Math

Standard	Objective(s)
<p>CCSS.Math.Content.8.F.A.3 Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.</p> <p>CCSS.Math.Content.8.G.C.9 Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.</p> <p>CCSS.Math.Content.8.EE.C.7 Solve linear equations in one variable.</p> <p>CCSS.Math.Content.8.EE.C.7.b Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.</p>	<p>Los estudiantes podrán usar el teorema de pitágoras para calcular el lado que hace falta.</p> <p>Los estudiantes podrán encontrar el área de una figura aplicando el teorema de pitágoras.</p> <p>Los estudiantes podrán identificar los triángulos diferentes y cuando se puede usar el teorema de pitágoras.</p>

	Action Plan
Monday 05/25/20	No Remote Learning
Tuesday 05/26/20-Math	60 min Math:

	<p>Watch the video uploaded on Google Classroom. -Watch the two videos before starting the practice. https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:systems-of-equations/x2f8bb11595b61c86:solving-systems-of-equations-with-substitution/v/solving-systems-with-substitution</p> <p>https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method</p> <p>PRACTICE: After watching the videos, practice this worksheet. If you're able to print it, please print and share your work with me via email: sbustamante9@cps.edu If you are not able to print this, please answer questions on looseleaf or in your math notebook and please share answers with me via email.</p> <p>Worksheet: https://docs.google.com/presentation/d/12n553nZjn2Nmmvgz5hhB3bCpPej3BSPjf1v0MYaN658/edit?usp=sharing</p>
<p>Wednesday 05/27/20-Science</p>	<p>60 min Science:</p> <p>PRACTICE: -Log into Amplify -Go to the unit Light Waves -Chapter 4 -Lesson 4.3</p> <p>Please start with the warm up, where you are asked about two different students. Read each scenario and then decide who you agree with. In the second question, you will answer why you agree with that student. Please make sure to press "Hand In". Then continue to activity 2.</p> <p>In activity 2 you are going to see a question with two possible claims. Afterwards, you will see evidence cards that support either Claim 1 or Claim 2. Look through the cards carefully because you will write what evidence supports what claim, and which one is the most possible solution.</p> <p>Continue to Activity 3, where you will see the guidelines to how to write a convincing essay based on the evidence cards.</p> <p>The last activity to do, is activity 4. In this activity you will write out which claim you agree with, and what evidence cards support it and how it supports it.</p> <p>As you finish each activity please remember to press "Hand in"</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f9a0dcf64f3:2019-2020/cardstack/ff80808156991d150158020851bc04f6/ff80808156991d150157f7af53896b9d/ff80808156991d15015801fb983b04c6?cardKey=ff80808156991d15015802108cac0504</p>

<p>Thursday 05/28/20-Math</p>	<p>60 min Math: Watch the video uploaded on Google Classroom. -Watch the two videos before starting the practice. https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/solving-systems-of-equations-by-elimination</p> <p>https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/simple-elimination-practice</p> <p>PRACTICE: After watching the videos, practice this worksheet. If you're able to print it, please print and share your work with me via email: sbustamante9@cps.edu If you are not able to print this, please answer questions on looseleaf or in your math notebook and please share answers with me via email.</p> <p>Worksheet: https://docs.google.com/presentation/d/1uADf4VQd7g0qqE4qWYJQQwnHJ1tbYcJmT3sSjWoUJll/edit?usp=sharing</p>
<p>Friday 5/29/20-Science Live Session 12pm</p>	<p>60 min Science:</p> <p>PRACTICE: -Log into Amplify -Go to the unit Earth, Moon, and Sun -Chapter 1 -Lesson 1.2</p> <p>Please start with the warm up, where you are asked a question about the moon and write down your ideas in the space provided. Press "Hand In" once you're done.</p> <p>Then continue to the Teacher activity. In the Teacher activity you have to watch a video. The video is uploaded on your Google Classroom under Week Seven. Please watch it before continuing to Activity 2.</p> <p>Once you've watched the video, continue to Activity 2. In Activity 2, you are asked a question once more about the moon with 2 possible claims. Please read carefully as you move through activity 2.</p> <p>In activity 3, you are asked to open up a Sim. In The last activity is Activity 3. In Activity 3 you are asked some questions. Please answer the questions in Google Docs and share with me. In the second part of Activity 3, you have to answer a question based on the sim. Please make sure to press "Hand In" once you're done.</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0dd4edfc46d014f27c223580ed0:2019-2020/cardstack/8a31e0f953fbbe11015406ce446004d6/8a31e0f953fbbe11015406665d9c02d6/8a31e0f953fbbe1101540667bee002e8?cardKey=8a31e0f953fbbe11015406cef8c104eb</p>