

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 18- 22, 2020

7th GRADE

Science

Standard	Objective(s)
<p>MS-ESS2-2: Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.</p> <p>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.</p> <p>MS-ESS1-3. Analyze and interpret data to determine scale properties of objects in the solar system.</p>	<p>Los estudiantes podrán usar la lectura para poder hacer relaciones entre los átomos.</p> <p>Los estudiantes podrán realizar investigaciones y analizar evidencia a medida que conectan ideas sobre tipos atmósferas y cambios naturales.</p>

Math

Standard	Objective(s)
<p>CCSS.MATH.CONTENT.7.NS.A.1</p> <p>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.</p> <p>CCSS.MATH.CONTENT.7.NS.A.2</p> <p>Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.</p> <p>CCSS.MATH.CONTENT.7.NS.A.3</p>	<p>Los estudiantes podrán encontrar el ángulo que hace falta en un triángulo o en una figura.</p> <p>Los estudiantes podrán hacer observaciones de ángulos que hacen falta</p> <p>Los estudiantes podrán identificar los ángulos y lados correspondientes.</p>

Solve real-world and mathematical problems involving the four operations with rational numbers.1	
--	--

	Action Plan
<p>Monday 05/18/20-Math Live Session at 10 am</p>	<p>60 min Math:</p> <p>Watch the video uploaded on Google Classroom -Practice with these 2 interactive tutorials before practicing the skill. You have watched these videos before, but it's a reminder.</p> <p>https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180</p> <p>https://www.khanacademy.org/math/basic-geo/basic-geo-angle/vert-comp-supp-angles/v/complementary-and-supplementary-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/1edQ_qTVARVwCHBrfXXvpZpwgT4HENIXeBpv81Db5Loo/edit?usp=sharing</p>
<p>Tuesday 05/19/20-Science</p>	<p>60 min Science:</p> <p>Watch the video uploaded on Google Classroom</p> <p>PRACTICE: Log into Amplify Go to the unit: Chemical Reactions Then Chapter 1 Lesson 1.5 Please start with the warm up where you are asked about two different samples Then continue to activity 2, where you will practice with a Sim. The questions from the Sim please answer on looseleaf or Google Doc and email it to me. Then continue to activity 3. You will have to re-read the article from Thursday. I will attach the link here once more. 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/f8080815550c47f015574c1d0a96273/ff8080815550c47f015554a025d30389/ff8080815550c47f015574901a1461be?cardKey=ff8080815550c47f015574c2cf586284</p> <p>Link to article: https://docs.google.com/presentation/d/1gxwCCLLi_zE_VTD0YNwxv3r-VIsI6FS8K7IqNbsRLNkA/edit?usp=sharing</p>
<p>Wednesday 05/20/20-Math</p>	<p>60 min Math: Watch the video uploaded on Google Classroom. Watch the videos: https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180</p> <p>https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/triangle-angle-example-2</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/1TzfM9EHeJ670lhBNcfGEVh1W_VL_G8Lb4RIWbbNoUQEcd/edit?usp=sharing</p>
<p>Thursday 05/21/20-Science</p>	<p>60 min Science: Watch the video uploaded on Google Classroom.</p> <p>PRACTICE: Log into Amplify Go to the unit: Chemical Reactions Chapter 1 Lesson 1.6 Please start with the warm up where you have to attach the vocabulary to where it belongs in the diagram. Then you are going to continue to activity 2, where it explains that you will be completing a writing assignment. The you will continue to activity 3 You are asked a question with three possible answers. Select the answer you believe is true and explain. Please make sure you're pressing "Hand In" after completing each activity.</p>

	<p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/ff8080815550c47f015578f79f7d6882/ff8080815550c47f015554a025d30389/ff8080815550c47f015578ddb2e767e2?cardKey=ff8080815550c47f015578f956aa6895</p>
Friday 5/22/20-Math	<p>60 min Math:</p> <p>Watch the video uploaded on Google Classroom. -Watch the videos: https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180</p> <p>https://www.khanacademy.org/math/pre-algebra/pre-algebra-equations-expressions/pre-algebra-2-step-equations-intro/v/why-we-do-the-same-thing-to-both-sides-two-step-equations</p> <p>**Multiplying by ($\frac{1}{3}$) is the same as dividing by 3**</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/1DWNGgl_iNpSuOeH08iY9eeepdwkgelFvgMUBX9SHDsc/edit?usp=sharing</p>

8th GRADE

Science

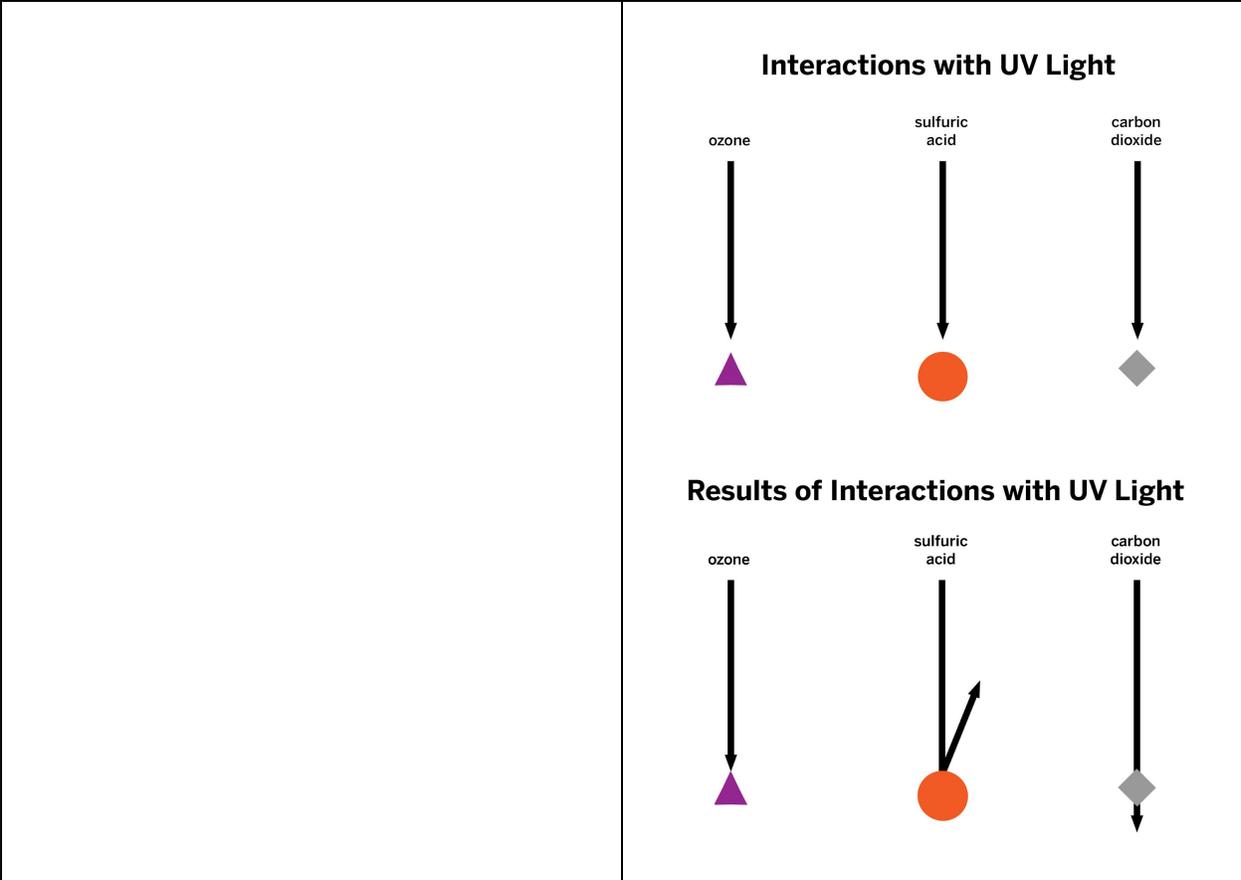
Standard	Objective(s)
<p>MS-PS2-3: Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.</p> <p>MS-PS2-4: Construct and present arguments using evidence to support the claim that gravitational interactions are attractive and depend on the masses of 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 05/18/20-Math	<p>60 min Math: Watch the video uploaded on Google Classroom. -Watch the two videos before starting the practice. https://www.khanacademy.org/math/pre-algebra/pre-alg</p>

	<p>ebra-equations-expressions/pre-algebra-2-step-equations-intro/v/why-we-do-the-same-thing-to-both-sides-two-step-equations</p> <p>**Multiplying by ($\frac{1}{3}$) is the same as dividing by 3**</p> <p>https://www.khanacademy.org/math/in-grade-9-ncert/xfd53e0255cd302f8:in-in-chapter-4-linear-equations-in-two-variables/xfd53e0255cd302f8:in-in-graph-of-a-linear-equation-in-two-variables/v/graphs-of-linear-equations</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/1_CMzAKG90JQ22POJyt2TUQMsllwbQA6nvTPZKNT4dBo/edit?usp=sharing</p>
<p>Tuesday 05/19/20-Science</p>	<p>60 min Science: Watch the video uploaded on Google Classroom.</p> <p>PRACTICE: -Log into Amplify -Go to the unit Light Waves -Chapter 3 -Lesson 3.5 Please start with the warm up, where you are asked to read a small paragraph and answer the question. Once you've completed the warm press hand in. Then continue to activity 2. In activity 2 you are going to do a project and you're assigned different colors. You may work with a partner by calling them and getting help, but everyone is responsible for turning in their own work. As you're completing the activity please make sure to press "Hand In" Continue to Activity 3, where you are asked questions based on the diagrams below. Please answer the questions in looseleaf or Google Doc and please share with me via email sbustamante9@cps.edu</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f9a0dcf64f3:2019-2020/cardstack/ff80808156991d150157e349b12b5832/ff80808156991d150157de536a4f66ee/ff80808156991d150157e3270fc857a3?cardKey=ff80808156991d150157e353ee935853</p>



Wednesday 05/20/20-Math

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-solving-systems-of-equations-with-substitution/v/practice-using-substitution-for-systems>
<https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-solving-systems-of-equations-with-substitution/v/solving-linear-systems-by-substitution>

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.

Worksheet:
https://docs.google.com/presentation/d/1ilcPkAXk-c68NXpSfXEpyN_MWXaaG1sdwspXIKRu8k4/edit?usp=sharing

Thursday 05/21/20-Science

60 min Science:
 Watch the video uploaded on Google Classroom.

	<p>-PRACTICE: -Log into Amplify -Go to the unit Light Waves -Chapter 3 -Lesson 3.6 Please start with the warm up, where you are asked to drag the labels into the diagram in the appropriate spot. Then continue to activity 2. In activity 2 you will review the data table with important information, once you've read the first part click "Next", in part 2 of activity 2 you will read that the goal is to show/explain why Australia gets more UV light. Continue to Activity 3 In activity 3, you will read the information given and explain in the data table why that information supports either claim 1 or claim 2. Once you're done push "Hand In"</p> <p>https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f9a0dcf64f3;2019-2020/cardstack/ff80808156991d150157e46eef905bba/ff80808156991d150157de536a4f66ee/ff80808156991d150157e4455d1d5b43?cardKey=ff80808156991d150157e46fd4ed5bcf</p>
<p>Friday 5/22/20-Math Live Session 12pm</p>	<p>60 min Math: Watch the video uploaded on Google Classroom. -Watch the two videos before starting the practice</p> <p>https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:systems-of-equations/x2f8bb11595b61c86:equivalent-systems-of-equations-and-the-elimination-method/v/simple-elimination-practice</p> <p>https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:systems-of-equations/x2f8bb11595b61c86:equivalent-systems-of-equations-and-the-elimination-method/v/solving-systems-of-equations-by-multiplication</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/1xsgwhJQulhRdUI_OQGwklSn0FbXK28UdD6dBTljOzc6Q/edit?usp=sharing</p>