

**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: June 01- 05 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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	<b>Action Plan</b>
<p>Monday 06/01/20-Math <b>Live Session @ 10am</b></p>	<p><b>60 min Math:</b>            -Watch the video uploaded on Google Classroom            -Watch the two videos before practicing the skill:  <a href="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/vert-comp-supp-angles/v/complementary-and-supplementary-angles</a>   <a href="https://www.khanacademy.org/math/basic-geo/basic-geo-angle/basic-geo-angle-types/v/acute-right-and-obtuse-angles">https://www.khanacademy.org/math/basic-geo/basic-geo-angle/basic-geo-angle-types/v/acute-right-and-obtuse-angles</a>   <b>PRACTICE:</b>            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.  <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a>   <b>Worksheet:</b>  <a href="https://docs.google.com/presentation/d/1bLRy3kPKqXkp4U8Z5z_syKfTV2k1VgPswGDAf7cesA/edit?usp=sharing">https://docs.google.com/presentation/d/1bLRy3kPKqXkp4U8Z5z_syKfTV2k1VgPswGDAf7cesA/edit?usp=sharing</a></p>
<p>Tuesday 06/02/20-Science</p>	<p><b>60 min Science:</b>            Watch the Video on Google Classroom  <b>PRACTICE:</b>            Log into <a href="#">Amplify</a>            Go to the unit: Chemical Reactions            Then Chapter 3            Lesson 3.1            Please start with the warm up where you are asked to read a letter sent to you from the lead chemist Dr. Once you've read the email, please answer the question. Make sure to press "Hand In" when you're done.            Then continue to "Teacher-Led" Discussion where you will review the question for chapter 3 and two possible claims for that question.            Then continue to the "Teacher" part where you will watch a video of fire burning. The video will be uploaded onto Google Classroom. Please make sure to view the video before moving on.            Then you will go to Activity 3 where you are going to read an article. You each have a copy in your Google Drive, but I am also attaching the article here. As you're reading you're summarizing every paragraph in 2-3 sentences. When you're doing your summaries please make sure to write it out in your notebook or looseleaf and send it to me via email OR you can do it through Google Doc and</p>

	<p>share with me: <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a>  As you're completing each part, please make sure to press "Hand In"</p> <p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d6015593560dd7052b/ff8080815592c0d601559340d28b044a/ff8080815592c0d60155934426110464?cardKey=ff8080815592c0d601559358d1df0541">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d6015593560dd7052b/ff8080815592c0d601559340d28b044a/ff8080815592c0d60155934426110464?cardKey=ff8080815592c0d601559358d1df0541</a></p> <p><b>Link To Article:</b>  <a href="https://docs.google.com/presentation/d/1GnVbMON6X0wNQKjJ_a83vX7c9fu6vBzawCVQBEKBoal/edit?usp=sharing">https://docs.google.com/presentation/d/1GnVbMON6X0wNQKjJ_a83vX7c9fu6vBzawCVQBEKBoal/edit?usp=sharing</a></p>
<p>Wednesday 06/03/20-Math</p>	<p><b>60 min Math:</b>  Watch the video uploaded on Google Classroom  Watch the videos:  <a href="https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180">https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180</a></p> <p><a href="https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/triangle-angle-example-3">https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/triangle-angle-example-3</a></p> <p><b>PRACTICE:</b>  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.  <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a></p> <p><b>Worksheet:</b>  <a href="https://docs.google.com/presentation/d/1wT-spUfDk0wg9E2lgDTRZXMyt88Z6sKZfUj4eck8zgz/edit?usp=sharing">https://docs.google.com/presentation/d/1wT-spUfDk0wg9E2lgDTRZXMyt88Z6sKZfUj4eck8zgz/edit?usp=sharing</a></p>
<p>Thursday 06/04/20-Science</p>	<p><b>60 min Science:</b>  Watch the Video on Google Classroom  <b>PRACTICE:</b>  Log into <a href="#">Amplify</a>  Go to the unit: <b>Chemical Reactions</b>  Then Chapter 3  Lesson 3.2  Please start with the warm up where you are asked to observe an image of paper that is burning. Once you view the image, answer the questions that follow. Please make sure to press "Hand In" once you're done.  Then continue to activity 2, where you will practice with a <a href="#">Sim</a>. Once you have done the SIM in activity 2 you have some questions you need to answer. Once you have answered the questions, please make sure to press "Hand In" and "Next"  Then continue to activity 3. You are going to re-read</p>

	<p>the article from Tuesday and answer the question that is in Activity 3. The link to the article will be posted here too, but it is also in your Google Drive. The last activity is Activity 4, you will revisit the image from the “Warm Up” and you will answer the question that is in Activity 4.</p> <p>As you’re completing each activity, please make sure to press “Hand In”</p> <p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d60155938af07a079d/ff8080815592c0d601559340d28b044a/ff8080815592c0d60155937953bf06fc?cardKey=ff8080815592c0d60155938c9a0e07ae">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d60155938af07a079d/ff8080815592c0d601559340d28b044a/ff8080815592c0d60155937953bf06fc?cardKey=ff8080815592c0d60155938c9a0e07ae</a></p> <p><b>Link To Article:</b> <a href="https://docs.google.com/presentation/d/1GnVbMON6X0wNQKjJ_a83vX7c9fu6vBzawCVQBKBoal/edit?usp=sparing">https://docs.google.com/presentation/d/1GnVbMON6X0wNQKjJ_a83vX7c9fu6vBzawCVQBKBoal/edit?usp=sparing</a></p>
Friday 06/05/20-Math	<p><b>60 min Math:</b></p> <p>Watch the video uploaded on Google Classroom Watch the videos:</p> <p><a href="https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180">https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180</a></p> <p><a href="https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/triangle-angle-example-3">https://www.khanacademy.org/math/basic-geo/basic-geometry-shapes/triangle-angles/v/triangle-angle-example-3</a></p> <p><b>PRACTICE:</b> 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. <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a></p> <p><b>Worksheet:</b> <a href="https://docs.google.com/presentation/d/1FlxRjeheCpblUDkPcsSr1L54dEOjGc_h3ORrUJayzGCM/edit?usp=sharing">https://docs.google.com/presentation/d/1FlxRjeheCpblUDkPcsSr1L54dEOjGc_h3ORrUJayzGCM/edit?usp=sharing</a></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 <math>y = mx + b</math> 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 06/01/20-Math	<b>60 min Math:</b> Watch the video uploaded on Google Classroom.

<p><b>Live Session @12pm</b></p>	<p>-Watch the two videos before starting the practice.  <a href="https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:systems-of-equations/x2f8bb11595b61c86:solving-systems-of-equations-with-substitution/v/solving-systems-with-substitution">https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:systems-of-equations/x2f8bb11595b61c86:solving-systems-of-equations-with-substitution/v/solving-systems-with-substitution</a></p> <p><a href="https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method">https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method</a></p> <p><b>PRACTICE:</b>  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><b>Worksheet:</b>  <a href="https://docs.google.com/presentation/d/1iskOIPOW6ua55Bjo8rKHTHn8vRKNTzvDhyz7aBkolDc/edit?usp=sharing">https://docs.google.com/presentation/d/1iskOIPOW6ua55Bjo8rKHTHn8vRKNTzvDhyz7aBkolDc/edit?usp=sharing</a></p>
<p>Tuesday 06/02/20-Science</p>	<p><b>60 min Science:</b>  Watch the video uploaded on Google Classroom.</p> <p><b>PRACTICE:</b>  -Log into <a href="#">Amplify</a>  -Go to the unit Earth, Moon, and Sun  -Chapter 1  -Lesson 1.4</p> <p>Please start with the warm up, where you are asked to look at an image of the moon and answer a question regarding the image. Please make sure to press "Hand In" once you're done.</p> <p>Then continue to Activity 2. In Activity 2, you will open up a <a href="#">SIM</a> and follow the directions in Activity. After using the sim you will answer the questions in Activity 2. Please make sure to press "Hand In" once you're done.</p> <p>You will continue to Activity 3. In Activity 3, you will open up the <a href="#">Modeling Tool</a> and follow the directions in Activity 3. Once you're done making your model, you will answer the questions in Activity 3.</p> <p>The last activity is Activity 4. In Activity 4 you will revisit the image from Friday and answer the question regarding the image.</p> <p>As you finish each activity please make sure you're pressing "Hand In"</p> <p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0dd4edfc46d014f27c223580ed0:2019-2020/cardstack/8a31e0f953fbbe1101540b80b9300eabc/8a31e0f953fbbe11015406665d9c02d6/8a31e0f953fbbe1101540b66873c0dc5?cardKey=8a31e0f953fbbe1101540b81e8fc0ecd">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0dd4edfc46d014f27c223580ed0:2019-2020/cardstack/8a31e0f953fbbe1101540b80b9300eabc/8a31e0f953fbbe11015406665d9c02d6/8a31e0f953fbbe1101540b66873c0dc5?cardKey=8a31e0f953fbbe1101540b81e8fc0ecd</a></p>
<p>Wednesday 06/03/20-Math</p>	<p><b>60 min Math:</b>  Watch the video uploaded on Google Classroom.</p>

	<p>-Watch the two videos before starting the practice.  <a href="https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/solving-systems-of-equations-by-elimination">https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/solving-systems-of-equations-by-elimination</a></p> <p><a href="https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/simple-elimination-practice">https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/s/simple-elimination-practice</a></p> <p><b>PRACTICE:</b>  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><b>Worksheet:</b>  <a href="https://docs.google.com/presentation/d/1sL3rTI58X7nwP8of1XRDmVB3TZRbaGaRWTC6e8-DCjs/edit?usp=sharing">https://docs.google.com/presentation/d/1sL3rTI58X7nwP8of1XRDmVB3TZRbaGaRWTC6e8-DCjs/edit?usp=sharing</a></p>
<p>Thursday 06/04/20-Science</p>	<p><b>60 min Science:</b>  Watch the video uploaded on Google Classroom.</p> <p><b>PRACTICE:</b>  -Log into <a href="#">Amplify</a>  -Go to the unit Earth, Moon, and Sun  -Chapter 2  -Lesson 2.1</p> <p>Please start with the warm up, where you are asked to look at 3 images of the moon. After you look at the images, you are going to answer the question regarding the three images. When you are done please make sure to press "Hand In"</p> <p>In Activity 2 you are going to read an article. You have a copy of the article in your Google Drive, but I am also attaching the article on this lesson plan. As you're reading the article, please make sure you summarize each paragraph in 2-3 sentences. When you're done with your summaries please share with me. You can either hand write your summaries and share it via email OR you can do it on Google Doc and share your Doc with me: <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a></p> <p>As you're completing each activity, please make sure you press "Hand In"</p> <p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0dd4edfc46d014f27c223580ed0:2019-2020/cardstack/8a31e0f953fbbe1101543f0d4fd178c0/8a31e0f953fbbe1101543e81aeba770d/8a31e0f953fbbe1101543e8286c0771f?cardKey=8a31e0f953fbbe1101543f0f76fb78d6">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0dd4edfc46d014f27c223580ed0:2019-2020/cardstack/8a31e0f953fbbe1101543f0d4fd178c0/8a31e0f953fbbe1101543e81aeba770d/8a31e0f953fbbe1101543e8286c0771f?cardKey=8a31e0f953fbbe1101543f0f76fb78d6</a></p> <p><b>Link To Article:</b>  <a href="https://docs.google.com/presentation/d/11f08Tazll_jwBHgR9QpVPvevBA2X7517JSmpuwPCXYGg/edit?usp=sharing">https://docs.google.com/presentation/d/11f08Tazll_jwBHgR9QpVPvevBA2X7517JSmpuwPCXYGg/edit?usp=sharing</a></p>
<p>Friday 06/05/20-Math</p>	<p><b>60 min Math:</b></p>

## Live Session @ 12pm

Watch the video uploaded on Google Classroom.

-Watch the two videos before starting the practice.

<https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method>

<https://www.khanacademy.org/math/algebra-home/alg-system-of-equations/alg-equivalent-systems-of-equations/v/simple-elimination-practice>

### **PRACTICE:**

**After watching the videos, practice this worksheet.**

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**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:**

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