

**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 08- 12 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 06/08/20-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:</p> <p><a href="https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/v/angles-formed-by-parallel-lines-and-transversals">https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/v/angles-formed-by-parallel-lines-and-transversals</a></p> <p><a href="https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/v/figuring-out-angles-between-transversal-and-parallel-lines">https://www.khanacademy.org/math/basic-geo/basic-geo-angle/angles-between-lines/v/figuring-out-angles-between-transversal-and-parallel-lines</a></p> <p><b>PRACTICE:</b>  <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.</b>  <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a></p> <p><b>Worksheet:</b>  <a href="https://docs.google.com/presentation/d/1f0tlfQ3OuajC0RmbmAfQ3Mu4P0PlvG5ESTMR-vSR3oA/edit?usp=sharing">https://docs.google.com/presentation/d/1f0tlfQ3OuajC0RmbmAfQ3Mu4P0PlvG5ESTMR-vSR3oA/edit?usp=sharing</a></p>
<p>Tuesday 06/09/20-Science</p>	<p><b>60 min Science:</b>            Watch the Video on Google Classroom  <b>PRACTICE:</b>  <b>Log into <a href="#">Amplify</a></b>  <b>Go to the unit: Chemical Reactions</b>  <b>Then Chapter 3</b>  <b>Lesson 3.4</b>  <b>Please start with the Warm-Up where you are asked about the Chapter 3 question. Look at the diagram shown and answer the two questions that follow.</b>  <b>Once you're done please press "Hand In"</b>  <b>Continue to Activity 2, In activity 2 you're going to answer another question regarding the diagram shown. Please press "Hand in" once you're done.</b>  <b>Continue to Activity 3 where you will observe another diagram that will help you in Activity 4.</b>  <b>In the last activity, Activity 4, you will write a response in the space provided saying whether you agree with Claim 1 or Claim 2 and explain your reasoning.</b>  <b>As you're completing each activity please make sure to press "Hand-In"</b></p> <p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d601559853870813a8/ff8080815592c0">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f98028464c7:2019-2020/cardstack/f8080815592c0d601559853870813a8/ff8080815592c0</a></p>

	<a href="https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/mean-median-and-mode">d601559340d28b044a/ff8080815592c0d6015597bf97be0d9a?cardKey=ff8080815592c0d6015598553cd413e4</a>
<p>Wednesday 06/10/20-Math</p>	<p><b>60 min Math:</b>          Watch the video uploaded on Google Classroom          Watch the videos:</p> <p><a href="https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/mean-median-and-mode">https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/mean-median-and-mode</a></p> <p><a href="https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/statistics-intro-mean-median-and-mode">https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/statistics-intro-mean-median-and-mode</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/1JdzYA98OnWt_Tbl57oBCPU4oA4si770cRsY52LQ3kdE/edit?usp=sharing">https://docs.google.com/presentation/d/1JdzYA98OnWt_Tbl57oBCPU4oA4si770cRsY52LQ3kdE/edit?usp=sharing</a></p>
<p>Thursday 06/11/20-Science</p>	<p><b>60 min Science:</b>          Watch the Video on Google Classroom</p> <p><b>PRACTICE:</b>          Log into <a href="#">Amplify</a>          Go to the unit: Populations and Resources          Chapter 1          Lesson 1.2          Please start with the Warm up where you are asked about an image of a jellyfish. Please press "Hand-In" once you're done.          In the Teacher Activity you're going to watch a video about Jellyfish. The video is uploaded on your Google Classroom. Please make sure to view the video before moving on.          In activity 2 you will see that there are two new vocabulary words, please write them down in your science notebook. Press Next to continue. In the second part, you will see the Chapter 1 question. Please make sure you write it down as well.          Continue to activity 3, In activity 3 you will use a <a href="#">sim</a>, before using the sim, there are questions for you to think about, please answer those questions on a Google Doc and share with me via email: <a href="mailto:sbustamante9@cps.edu">sbustamante9@cps.edu</a>. The last part is once you click "Next" and once you have done the simulation you will answer the question and type your answer in the space provided. Please make sure you're pressing "Hand-In" after every activity.</p>

	<p><a href="https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f8b19276421:2019-2020/cardstack/ff80808156991d15015840b8e2185855/ff80808156991d150158400513f3564b/ff80808156991d15015840061514565d?cardKey=ff80808156991d15015840bc792e586a">https://apps.learning.amplify.com/curriculum/#/unit/8a31e0f9506c8fa201525f8b19276421:2019-2020/cardstack/ff80808156991d15015840b8e2185855/ff80808156991d150158400513f3564b/ff80808156991d15015840061514565d?cardKey=ff80808156991d15015840bc792e586a</a></p>
Friday 06/12/20-Math	<p><b>60 min Math:</b> Watch the video uploaded on Google Classroom Watch the videos:</p> <p><a href="https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/mean-median-and-mode">https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/mean-median-and-mode</a></p> <p><a href="https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/statistics-intro-mean-median-and-mode">https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap/measuring-center-quantitative/v/statistics-intro-mean-median-and-mode</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/1gvkHi9jpsPQ3USbvy3CgccmKuxuHFerImUtQtAGr6sg/edit?usp=sharing">https://docs.google.com/presentation/d/1gvkHi9jpsPQ3USbvy3CgccmKuxuHFerImUtQtAGr6sg/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
<p>Monday 06/08/20 <b>Live Session @12pm</b></p>	<p>Check-in Extra credit Turn in assignments</p>

Tuesday 06/09/20 <b>Live Session @12pm</b>	Check-in Extra credit Turn in assignments
Wednesday 06/10/20	Late Work Extra credit Turn in assignments
Thursday 06/11/20	Late Work Extra credit Turn in assignments
Friday 06/12/20	<b>Graduation Ceremony @10am</b>