

## Brentwood STEAM School of Innovation

### Schedule of Brentwood STEAM School of Innovation Distance Learning

#### 6th Grade – Week of April 13-17

**Part A: The corona virus is currently sweeping the nation and the world. Think about How surviving a zombie apocalypse is similar to surviving a pandemic.**

Math Component	Science Component	Social Studies Component	ELAR Component	Technology Component
<p><b>Activity 1: 6.4H</b></p> <p>Let's create the cure! You are given a formula for the cure (homemade hand sanitizer). Uh-oh! In order to make the cure, you must convert all the units to cups.</p> <p><b>Hand Sanitizer Ingredients:</b></p> <p>16 fl. Oz of lavender essential oil \$18.00</p> <p>48 fl. Oz of tea tree essential oil \$44.50</p>	<p><b>Activity 1: 7.8A</b></p> <p>*Think about how in ELAR the "Zombies" are a metaphor for Corona Virus.</p> <p>*Write a letter to the Mayor of San Antonio that discusses the importance of preparedness for a "Zombie" apocalypse.</p> <p>*How can we be more prepared for something like that just as we are prepared for catastrophic natural events?</p> <p><b>Activity 2: 6.7A</b></p> <p>* Think about how in ELAR the "Zombies" are a</p>	<p><b>6.3B and 6.3C</b></p> <p>Activity 1:</p> <p>Read Comic #1 Dead Reckon.</p> <p>Make a list of key words that are related to Geography.</p> <p>Use at least 5 of these words in your graphic novel you create in ELAR class (think setting!).</p> <p>Activity 2:</p> <p>Create a poster showing the benefits of resources,</p>	<p>Activity 1:</p> <p>Identify the ways that a zombie apocalypse compares to the coronavirus pandemic. Think about how the coronavirus itself is like a zombie OR think about how the people infected by the virus are like zombies. Either make a list of 5 or more ways that they are similar or write a paragraph of 3-5 sentences in a</p>	<p>Activity 1:</p> <p>Create a "Minecraft Avatar" using the Tynker website.</p> <p>Activity 2:</p> <p>Create an apocalyptic weapon" Use the Tynker weapon creator to design a useful weapon or tool and write a paragraph describing why that tool would be useful during this time.</p> <p><b>Activity 1-CSIM</b></p>

<p>4 fl. Oz of ethyl alcohol (rubbing alcohol)</p> <p>\$1.20</p> <p>8 fl. Oz of pure aloe vera gel</p> <p>\$2.49</p> <p>1 cup of Vitamin E oil.</p> <p>\$44.00</p> <p><b>Activity 2: 6.3E</b></p> <p>In order to create the formula for the cure, you must purchase the ingredients. How much does it cost to make 1 batch? 5 batches? 12 batches?</p>	<p>metaphor for Corona Virus.</p> <p>* Create a video advertisement recording yourself discussing the importance of conserving natural renewable and nonrenewable resources during a "zombie" apocalypse.</p> <p>(Think Commercial)</p> <p><b>or</b></p> <p>Create a Billboard advertisement (like the ones on the side of a highway) that shows how people should conserve natural renewable and nonrenewable resources during a "zombie" apocalypse.</p>	<p>Using Canvas or power Point (one slide only)</p> <p>Choose 2 of the following resources.</p> <p>Oil or Petroleum</p> <p>Tress &amp; Timber</p> <p>Cattle</p> <p>Wind and solar</p> <p>Land or open spaces</p> <p>Mineral resources</p> <p>Water</p> <p>Answer the following question on your digital poster:</p> <p>How is the resources used?</p> <p>What would happen if these resources were not available?</p> <p>Must have a title.</p> <p>Examples of how these resources are used.</p>	<p>Word Document or a blank piece of paper, take a picture and upload it.</p> <p>Activity 2:</p> <p>Create your own graphic novel using the zombie apocalypse as an extended metaphor for the corona virus using Powerpoint, TikTok, Youtube, or on paper and then record a read aloud of yourself flipping the pages of your graphic novel (you ONLY have to record it IF you're doing your graphic novel on PAPER) that explains how to prepare for a pandemic. Think about the current COVID-19 pandemic</p>	<p>Building your first program on "Distance Learning" course on <a href="https://www.futuremelearning.com">Learning.com</a>.</p> <p><b>Art Component</b></p> <p>Activity 1:</p> <p>Text</p> <p>Activity 2:</p> <p>Text</p>
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		Why these resources are important.	and incorporate it into your plan.	
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**Part B: Content-Area Support for Learning**



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Math	Science	Social Studies	ELAR	Technology
Mini-Lesson and Differentiated Support	Mini-Lesson and Differentiated Support	Mini-Lesson and Differentiated Support	Mini-Lesson and Differentiated Support	Mini-Lesson and Differentiated Support
Mini Lesson for Activity 1:	<b>Mini Lesson for Activity 1:</b>	Mini Lesson for Activity 1:	Mini Lesson for Activity 1:	Mini Lesson for Activity 1:
Lesson Focus	<b>7.8A</b>	Lesson Focus	Lesson Focus	Lesson Focus
Watch and take notes on the video: <a href="https://www.khanacademy.org/math/4th-engage-ny/engage-4th-module-7/4th-module-7-topic-a/v/converting-us-fluid-volume">https://www.khanacademy.org/math/4th-engage-ny/engage-4th-module-7/4th-module-7-topic-a/v/converting-us-fluid-volume</a>	*Review of catastrophic events and how cities prepare for these events.  *Use Stemscope videos in content connections	Review different type of map and how understanding maps could help you survive a zombie apocalypse and survive a pandemic	Extended Metaphor Anchor Chart/video	Mini Lesson for Activity 2:
Mini Lesson for Activity 2:	<b>Mini Lesson for Activity 2:</b>	Mini Lesson for Activity 2:	Mini Lesson for Activity 2:	Lesson Focus
Watch and take notes on the video: <a href="https://www.youtube.com/watch?v=kwh4SD1ToFc">https://www.youtube.com/watch?v=kwh4SD1ToFc</a>	<b>6.7A</b>  *Review the difference between renewable and nonrenewable resources.  *Use kahoot or nearpod sort to discuss and differentiate between resources that are renewable and non.  *Review purpose for using alternative energies over nonrenewables.	Type of resources KWL Chart	Lesson Focus Graphic Novel Prezi	<b>Art</b>
				<b>Mini-Lesson and Differentiated Support</b>
				Mini Lesson for Activity 1:
				Lesson Focus
				Mini Lesson for Activity 2:
				Lesson Focus



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## Part C: Digital Learning Platforms

Math	Science	Social Studies	ELAR	Technology
<b>iXL</b>	<b>Stemscopes</b>	<b>Active Classroom</b>	<b>Achieve 3000</b>	
Practice Task for Activity 1:  Units of Measurement <a href="https://www.ixl.com/math/grade-6/customary-unit-conversions-involving-fractions-and-mixed-numbers">https://www.ixl.com/math/grade-6/customary-unit-conversions-involving-fractions-and-mixed-numbers</a>	<b>Practice Task for Activity 1:</b>  *Concept review game on terms and concepts.  <b>Practice Task for Activity 2:</b>  *Concept Review Game on terms and concepts	Practice Task for Activity 1:  <a href="https://nsms6thgradesocialstudies.weebly.com/map-geography-skills.html">https://nsms6thgradesocialstudies.weebly.com/map-geography-skills.html</a>  Review key terms and concepts of the five themes of geography  Practice Task for Activity 2:  Video on renewable energy /resources  <a href="https://www.youtube.com/watch?v=1kUEOBZtTRc">https://www.youtube.com/watch?v=1kUEOBZtTRc</a>	Practice Task for Activity 1:  Name/Link  <a href="https://prezi.com/hwzollmg9id-/analyzing-elements-of-graphic-novels/">https://prezi.com/hwzollmg9id-/analyzing-elements-of-graphic-novels/</a>  Practice Task for Activity 2:  Name/Link  <a href="https://www.cd.gov/cpr/zombie/novel.htm">https://www.cd.gov/cpr/zombie/novel.htm</a>	Practice Task for Activity 1:  Name/Link  <a href="https://www.tynker.com/minecraft/skins/skin-editor">https://www.tynker.com/minecraft/skins/skin-editor</a>  Practice Task for Activity 2:  Name/Link  <a href="https://www.tynker.com/minecraft/weapons/addons">https://www.tynker.com/minecraft/weapons/addons</a>  <b>Art</b>  Practice Task for Activity 1:  Name/Link  Practice Task for Activity 2:  Name/Link

