

# Eighth Grade

## Monday, May 11, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
Choose a chapter book. Read a chapter. What is the setting of your book?	Determine the calories for one scoop, two scoops, and three scoops of your favorite flavor of ice cream cone. Create at least 3 different representations of the information (mapping, equation, picture, table, graph, etc.).	Design a model and explain how the forces of friction and gravity affect playing your favorite sport or doing your favorite activity.	Create a timeline of your life. Be sure to include important events, significant events, and funny events. Be sure to have at least 8-10 events on your timeline.	Make a list of 5 things that you can do when you are upset that are calming.	Art: Find the most interesting thing in your house and draw a picture of it.

# Eighth Grade

Tuesday, May 12, 2020

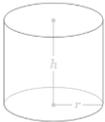


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading the next chapter in your book. Describe the main character (protagonist). Explain details about the main character you think will be important to the plot of the story.</p>	<p>Using yesterday's work:  Is this relationship a function? Why or why not? Is this a linear relationship? Why or why not? Show your thinking.</p>	<p>Using your knowledge of forces and motion, create a presentation or write a newspaper article to the public concerning the need for seatbelt use.</p>	<p>If you were to add a chapter in your social studies book about the past few months, what would the title be and why? List 5 facts that would be included in the chapter.</p>	<p>Pick one to do: -Take 5 deep breaths -Do a positive activity -Count to 100 -Make a list for the future</p>	<p>Music: Sound Scavenger Hunt: Make a list of at least 10 sounds you hear inside or outside your home. Beside each sound write about its pitch (high or low), tempo (fast or slow), dynamic (loud or soft), or timbre (rough, smooth, etc.).</p>

# Eighth Grade

## Wednesday, May 13, 2020

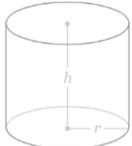


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading the next chapter in your book. Journal about what you think one of the characters felt in this chapter. How were his/her feelings seen through his/her actions?</p>	<p>Find a can or jar. Measure the dimensions of the can or jar. Determine the volume of the can or jar. Do your calculations match those on the can or jar? Why or why not? Does it make sense that your calculations may be different? Why or why not?</p>  $V = \pi r^2 h$ <p>r = radius h = height <math>\pi = 3.14</math> (You will need this jar for tomorrow.)</p>	<p>Using your knowledge of ultraviolet radiation, write a persuasive essay convincing people the importance of wearing sunscreen. Your essay needs three reasons with supporting evidence.</p>	<p>One of the inventions we have learned about is electricity. How would staying at home be different if electricity had not been invented?</p>	<p>Write about a time when you felt you were treated unfairly. How did you handle it? Do you wish you would have done anything differently?</p>	<p>PE Wall Sits- 1 minute on, 1 minute off. Repeat as many times in 10 minutes.</p>

# Eighth Grade

Thursday, May 14, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading the next chapter in your book. Write a summary of your book so far. What do you think is going to happen next? Why do you think that? Give 3 reasons to support your prediction.</p>	<p>Calculate the surface area of the can or jar. Show your thinking as you determine the volume and surface area of the can or jar.</p>  $A = 2\pi r h + 2\pi r^2$	<p>Pretend you could travel to the moon. Describe what you would see? What are some characteristics of the moon? How does the moon impact our planet? What would happen to our planet if the moon suddenly drifted away from Earth?</p>	<p>This year we have learned about several different wars. Write a diary entry as if you were a soldier fighting in one of those wars. Use your senses to describe your surroundings.</p>	<p>Think about your dream career. Write at least 5 sentences about it.</p>	<p>Art Draw Contour Lines 1: Choose 3 objects like a toy, leaf, or fork. With a drawing tool trace each object over and over on a single sheet of paper.</p>

# Eighth Grade

## Friday, May 15, 2020

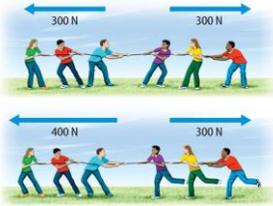


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading the next chapter in your book. Tell someone in your family about your book. Share the plot, main characters and setting. You might even share your predictions!</p>	<p>Record the daily high and low temperatures for two weeks. Create a scatterplot of the high temperature data. Create a scatterplot of the low temperature data (use the same scale as you used for the high temperature graph). Do you see any outliers in the data? If so, explain why the data point is an outlier.</p>	<p>What is the formula to calculate speed? Create 5 speed problems. Describe how to solve each problem.</p>	<p>Rewrite history. Choose one event in history to erase. How would the world we live in today be different if the event you chose had never happened?</p>	<p>Enjoy a snack Look - what colors and shapes do you see? Listen - does your food make a sound? Touch - is it smooth, bumpy or rough? Smell - what does your food smell like? Taste - How does it taste or feel on your tongue?</p>	<p>PE Play your favorite song and do as many push ups or sit ups as you can until the end of the song.</p>

# Eighth Grade

## Monday, May 18, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading the next chapter in your book.</p> <ol style="list-style-type: none"><li>1. Write about one event that you think will be important to the rest of the story.</li><li>2. What is one specific skill or characteristic you think the main character will need to either solve a conflict or accomplish a goal?</li></ol>	<p>Measure the dimensions of your front door. What is the largest game table that you can get through your door? Hint: The table does not have to come through the door straight up. Show your work and explain your thinking.</p>	<p>Use the picture below:</p> <ul style="list-style-type: none"><li>*Which one represents a balanced force? Which is unbalanced? Explain your answer.</li><li>*Calculate the net force for each.</li><li>*Which teams will win the tug of war contest? Explain your answer.</li></ul> 	<p>One thing that is special about America is that we are considered a melting pot. This means that we have people from all over the world with different ideas and values living within our country. Choose one friend that you have that is different from you and tell how you became friends, even though you are different.</p>	<p>Trace both your right and left hands onto a piece of old paper, cardboard, etc. On each finger, lists the things you are proud you have learned to do!</p>	<p>Art: Contour lines 2: Take the 3 objects you traced yesterday. Create a new drawing with these objects. Think about your composition. Will some overlap or fall off the edge? Use pattern, line and shape to decorate the objects. Practice good craftsmanship.</p>

# Eighth Grade

## Tuesday, May 19, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
Read the next chapter. If you were to choose a current song that you think the main character would like, what would it be? Explain how the lyrics relate to the main character.	Find a box. Measure the dimensions of the box. Determine the volume of the box. Do your calculations match those on the box? Why or why not?  The <b>formula</b> for <b>finding the volume of a rectangular prism</b> is the following: <b>Volume</b> = Length * Height * Width, or $V = L * H * W$ .  (Save this box for tomorrow's activity.)	Pretend you are giving a real tour of our solar system. Describe what we would see on the tour. In your description include the following: (planets, moons, comets, asteroids, meteoroids)	You have won the lottery and get to travel anywhere in the world. Where would you go and why? What would you do there? Who would you see? Would you stay or come back home?	Being resilient means to get back up after a difficult situation. Write about a time when you were resilient.	Music Ask those you live with about their musical backgrounds and interests. What instruments do they play? What does music mean to them? Who are their favorite artists? What is their favorite song and why?

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## Wednesday, May 20, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
Choose an event from the book and design an "invitation" to that event. What would the theme be? Who would the invitation go to? What would it say?	<p>Unfold the box and calculate the surface area of the box. Show your thinking as you determine the volume and surface area of the box.</p> <p>To find surface area, label the length (l), width (w), and height (h) of the box and use the <b>formula</b>, <math>SA=2lw+2lh+2hw</math>, to find the <b>surface area</b>.</p>	<p>Adaptations are structures or behaviors that allow an organism to survive. For example, a lizard has the ability to camouflage to hide from predators. An owl has large eyes that allow it to see better at night. Go outside and look for an animal. What are three adaptations this animal has that will help it survive? Draw a picture of this animal.</p>	<p>You've studied many important people in history. Think of one person you find most fascinating and explain why you think that person is important.</p>	<p>Have a conversation with someone. Practice having your eyes focused on the person speaking, your ears listening, and your lips silent until the other person is completely done sharing. In your own words, summarize what the other person said.</p>	<p>PE Clean your room or help clean the house. Jog two laps around your house.</p>

# Eighth Grade

Thursday, May 21, 2020

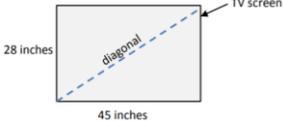


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
Read the next chapter. Revisit your predictions about what would happen. Were you right?	Play the game Battleship to reinforce coordinate graphing.	Research any animal you want. *What are three physical adaptations that promote survival? *What are three behavioral adaptations that promote survival?	What are characteristics that make a good leader? There have been 45 Presidents of the United States. Which president has been the best leader and why?	What is a goal that you want to accomplish? Write about your plan to reach this goal.	Music Find 2 items you can use as an instrument. You can use a real instrument, but don't be afraid to be creative! Compose a song.

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## Friday, May 22, 2020

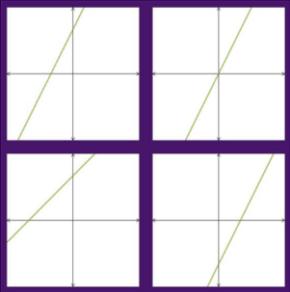


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Read the next chapter. Select a character in the book. Write a journal entry as if you were that character. Describe your daily activities and events. How did you feel throughout the day?</p>	<p>Find the diagonal length of a rectangular TV screen with a length and width of 28 inches by 45 inches. (A diagonal in a square or rectangle is a line connecting opposite vertices.)</p> 	<p>What does the term extinction mean?</p> <p>What does the term endangered mean?</p> <p>Generate a list of natural causes of extinction.</p> <p>Generate a list of man-made causes of extinction.</p> <p>*Research an animal that is currently on the endangered species list. What are some reasons for why this animal is endangered? Are these reasons natural or man-made? Explain.</p>	<p>Talk to an older member of your family either face to face or over the phone. Ask them to describe a major event in history around the time they were your age. Write about what they told you.</p>	<p>Make a list of 5 things that motivate you to be the very best you.</p>	<p>PE</p> <p>Spend 10 minutes throwing a ball with someone. See if you can make up a game while throwing.</p>

# Eighth Grade

## Monday, May 25, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading your book. Do you know anyone like the characters in the book? How are they the same? How are they different?</p>	<p>Look at the graphs below. Which graph does not belong? Explain your reasoning. Choose a different one and explain why that one doesn't belong.</p> 	<p>Create your own organism. Draw a picture of it. In your drawing list three physical adaptations and three behavioral adaptations that would promote it's survival.</p> <p>Describe where this organism lives. What does it eat? Is this organism endangered? Why is it endangered? Are the causes natural or man-made?</p> <p><b>*BE CREATIVE*</b></p>	<p>Create an ABC illustrated book using vocabulary or concepts you have already learned about in Social Studies this school year.</p>	<p>Make a 'Positive' Poster to hang in your home with words and pictures. You can use old paper, cardboard, cut up magazines, etc.</p>	<p>ART Make a 'Positive' Poster to hang in your home with words and pictures. You can use old paper, cardboard, cut up magazines, etc.</p>

# Eighth Grade

Tuesday, May 26, 2020

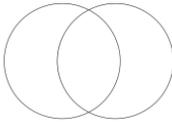


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts				
<p>Read the next chapter. Draw a picture that shows what happened in this chapter.</p>	<p>Look at the graphs below. Which graph does not belong? Explain your reasoning. Choose a different one and explain why that one doesn't belong.</p> <table border="1" data-bbox="428 797 716 1081"><tbody><tr><td data-bbox="428 797 569 938"><math>y = 4x + 3</math></td><td data-bbox="569 797 716 938"><math>y = -4x + 5</math></td></tr><tr><td data-bbox="428 938 569 1081"><math>y = \frac{1}{4}x + 5</math></td><td data-bbox="569 938 716 1081"><math>y = 4x - 5</math></td></tr></tbody></table>	$y = 4x + 3$	$y = -4x + 5$	$y = \frac{1}{4}x + 5$	$y = 4x - 5$	<p>Create a flip book that describes all of the electromagnetic waves.</p> <ul style="list-style-type: none"><li>*What are some uses for these waves?</li><li>*How strong is this wave?</li><li>*How are these waves different from mechanical waves?</li></ul>	<p>Watch the news or read an article about a local campaign. What does the candidate stand for? What is she/he against?</p>	<p>Who are your community helpers (the people that keep us safe)? What do they do?</p>	<p>Music What music did you hear today? Write down the title, artist, and the genre (pop, R&amp;B, rap, country, 80s, KPOP, etc.) of at least 10 songs. Write down specifics about why you like or do not like each of these songs.</p>
$y = 4x + 3$	$y = -4x + 5$								
$y = \frac{1}{4}x + 5$	$y = 4x - 5$								

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## Wednesday, May 27, 2020

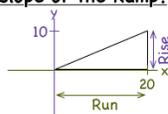
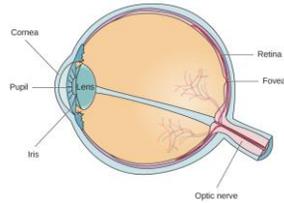


ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading. Write a letter to the author. Tell him/her how you would rate this book. What did you like about the book? What parts would you change?</p>	<ol style="list-style-type: none"><li>1. Write an equation to represent each option.</li><li>2. When would it be better to choose Restaurant A?</li><li>3. When would it be better to choose Restaurant B?</li></ol> 	<p>Create a Venn diagram that compares terrestrial planets with gaseous planets.</p> 	<p>Journal about your experience since Covid-19 caused school closures. What do you know? What questions do you have?</p>	<p>What value is most important to you? Why?</p>	<p>PE Throw a ball with someone. Make up a game to go with it.</p>

# Eighth Grade

## Thursday, May 28, 2020



ELA	Math	Science	Social Studies	Health & Social/ Emotional Learning	Related Arts
<p>Continue reading your book. Pretend that the book is going to be made into a movie. Who would you cast to play the characters and why?</p>	<p>Find a ramp nearby (or make one.) Find the rise and run of the ramp. What is the slope?</p> <p>Example:</p> <p><b>What is the Slope of the Ramp?</b></p> $\text{Slope} = \frac{\text{Rise}}{\text{Run}}$ $= \frac{10}{20}$ $= 0.5$ 	<p>Write a paragraph that would correctly describe the path that light takes through your eye in order for you to see.</p> 	<p>Pretend it is the year 2070. You will be about 60 years old. What would you tell the younger generation about what is going on right now? How would you write about the COVID-19 events in a history book?</p>	<p>Write about your role model. Why do you look up to this person?</p>	<p>Art Space is an element of art. Tate Nation, a SC artist, shows space in his art by creating a foreground, middle ground, and background. This makes his art look like it has depth and that objects are close up and far away. Create a picture that has a foreground, middle ground, and background.</p>

# Eighth Grade

## Friday, May 29, 2020



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<p>Continue reading. Write an alternate ending for your story.</p>	<p>You and two friends decide to each order a pizza for lunch.</p> <p>Would you rather...</p> <p>OPTION A: Order your 3 pizzas on separate checks?</p> <p>OPTION B: Order your 3 pizzas on the same check and split the cost?</p> 	<p>Write a letter to your teacher that explains three things you learned in Science class this year.</p>	<p>Think about the individuals involved in an event you learned about this year. Make a list of individuals impacted, or possibly impacted, by the events explored. How did the event affect women? Children? African Americans? Native Americans? Hispanic Americans?</p>	<p>Write a letter to someone that you care about. Be creative! Dear _____ I care about you because _____ From _____</p>	<p>Art</p> <p>Do you have a pet? If so, draw a picture of it. If not, think of something you wish you could keep as a pet. Draw a picture of it.</p>