

Seventh Grade

Monday, May 11, 2020



| ELA | Math | Science | Social Studies | Health & Social/ Emotional Learning | Related Arts |
|---|---|--|--|---|---|
| <p>Choose a chapter book. Read a chapter. What is the setting of your book?</p> | <p>How many different ways can you represent $1\frac{1}{2}$? (You are not limited to numbers.)</p> | <p>Biotic factors are the living components of an environment. Abiotic factors are the nonliving components of an environment. Go outside and create a list of all of the living and nonliving things that you see. Research the characteristics of all living things.</p> | <p>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.</p> | <p>Make a list of 5 things that you can do when you are upset that are calming.</p> | <p>Art: Find the most interesting thing in your house and draw a picture of it.</p> |

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| <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>Choose a location that you want to visit this summer, and calculate the cost of fuel for your family's trip. What information do you need to know? Show your thinking as you determine the cost for the fuel for your trip.</p> | <p>Create a model of a plant or animal cell. Then, describe what would happen if one of the organelles fail.</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> |

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Wednesday, May 13, 2020

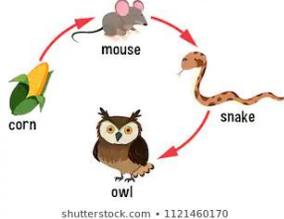


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| <p>Continue reading the next chapter in your book. Journal about what you think one of the characters felt in this chapter. How were his/her feelings seen through his/her actions?</p> |  <p>Explain your answer. Show all your work.</p> | <p>Research the different types of ecosystems. Pick one. Draw a picture that illustrates all the characteristics of this ecosystem. Include organisms that live in this ecosystem in your drawing.</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> |

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| <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>Use the grocery store flyers that are delivered in the mail to create a grocery list for your family. Calculate the total cost of the same grocery bill from 2 different grocery stores. Be sure to include any taxes. At which store should you buy this list of items? Why?</p> | <p style="text-align: center;">Food Chain Concept</p>  <p style="text-align: center;"><small>shutterstock.com • 1121460170</small></p> <p>A food chain shows how energy flows in an ecosystem. Each organism depends on the organism before it for food. In the diagram above identify the producers and consumers. Explain.</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> |

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| <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>Using yesterday's work: Based on the number of people in your family, what is your share of the bill for this list of groceries? What is the cost per person? What fraction of the total amount is your share?</p> | <p>Create your own food chain that consists of at least 4 organisms. It must have <u>producers</u>, <u>consumers</u>, and <u>decomposers</u> correctly labeled. Correctly label the <u>herbivores</u>, <u>carnivores</u>, and possibly <u>omnivores</u>. Define what all of these terms mean.</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> |

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| <p>Continue reading the next chapter in your book.</p> <ol style="list-style-type: none">1. Write about one event that you think will be important to the rest of the story.2. What is one specific skill or characteristic you think the main character will need to either solve a conflict or accomplish a goal? | <p>Using yesterday's work: What percentage of the total amount is your share? Show your thinking as you determine the different amounts.</p> | <p>Research an animal. Draw a picture of this animal.</p> <ul style="list-style-type: none">* Is this animal a producer or consumer? Explain your answer.* Is this animal a herbivore, carnivore, or omnivore? Explain*What does it eat for food?*Describe what would happen if their food source suddenly decreased?* Describe three characteristics of the ecosystem it lives in.*Create a food chain that would include this animal. | <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> |

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| 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 formula for finding the volume of a rectangular prism is the following: Volume = Length * Height * Width, or $V = L * H * W$. (Save this box for tomorrow's activity.) | Almost all liquids are either considered an acid or a base. We can find these items right in our own homes. Go through your house and make a list of all the acids you see. Make a list of all the bases you see. Describe the characteristics of acids and bases. | 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. | |

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| 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 formula, $SA=2lw+2lh+2hw$, to find the surface area.</p> | <p>Many elements that you see on the periodic table are essential in our dietary needs. Read the back of some nutrition labels. What elements do you see? How do these elements support the human body?</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> | |

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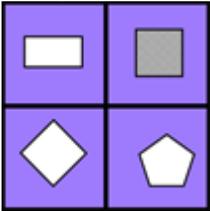


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| Read the next chapter. Revisit your predictions about what would happen. Were you right? | Play the game Battleship to reinforce coordinate graphing. | Pick your favorite snack. As you are eating this snack think about what happens to it as it travels through your body? Describe the path that it would take through your body? In your description include all of the organs it would encounter? | 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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| <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>Look at the shapes below. Which shape does not belong? Explain your reasoning. Choose a different shape and explain why that one doesn't belong.</p>  | <p>Using the diagram below: *Identify the element name. *Identify atomic mass. *Identify the atomic number. *Is this a metal or nonmetal? Explain. *Research three more elements and answer the same questions above.</p> <p style="text-align: center;">2</p> <p style="text-align: center; font-size: 2em;">He</p> <p style="text-align: center;">4.003</p> | <p>Talk to an older member of your family either face to face or over the phone. Ask them to describe an 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 Spend 10 minutes throwing a ball with someone. See if you can make up a game while throwing.</p> |

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| Continue reading your book. Do you know anyone like the characters in the book? How are they the same? How are they different? | Make a scale drawing of your bedroom. Be sure to include all the furniture in your room in your drawing. What scale factor did you use? Why did you choose the scale factor you used? Explain your thinking. | Pick 5 elements off of the periodic table and identify the following: *Element Name *Element Symbol *Atomic Number *Atomic Mass *Period Number *Group/Family Number *Is it a metal/nonmetal/or metalloid. Explain your answer. *How do we use this element? | Create an ABC illustrated book using vocabulary or concepts you have already learned about in Social Studies this school year. | Make a 'Positive' Poster to hang in your home with words and pictures. You can use old paper, cardboard, cut up magazines, etc. | ART Make a 'Positive' Poster to hang in your home with words and pictures. You can use old paper, cardboard, cut up magazines, etc. |

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| <p>Read the next chapter. Draw a picture that shows what happened in this chapter.</p> | <p>Find a recipe in a magazine or online. Assume a friend wants to you to make half of the recipe. Rewrite the new recipe calculating half of each ingredient.</p> | <p>Which organ doesn't belong? Explain.</p> <table border="1" data-bbox="743 688 1031 862"> <tr> <td data-bbox="743 688 879 797">Heart</td> <td data-bbox="879 688 1031 797">Arteries</td> </tr> <tr> <td data-bbox="743 797 879 862">Brain</td> <td data-bbox="879 797 1031 862">Capillaries</td> </tr> </table> | Heart | Arteries | Brain | Capillaries | <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&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> |
| Heart | Arteries | | | | | | | | |
| Brain | Capillaries | | | | | | | | |

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| <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> | <p>Find three quantities in your house (example: books, DVDs, balls, cups, etc.) and write as many ratios as you can. Be sure to include units.</p> | <p>Research the coronavirus.</p> <ul style="list-style-type: none">*What body system does it affect?*How does this virus spread?*What are the symptoms?*How can I protect myself? | <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> |

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| 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? | Play the card game War using red as negative values and black as positive values to practice comparing integers. | Make flashcards with the symbol and the name of the following substances: Table Salt Water Simple Sugar Oxygen Gas Carbon Dioxide Nitrogen Gas Rust Water *Study and then have someone quiz you. Can you remember the names and symbols of all of these substances? | 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? | Write about your role model. Why do you look up to this person? | 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. |

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| <p>Continue reading. Write an alternate ending for your story.</p> | <p>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.).</p> | <p>Obtain information through library and online research and explorations about the various roles bacteria play in organisms and the environment. Reason with this information to support the claim that bacteria can be both harmful and helpful.</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 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> |