

EDUPRIZE Grades 9-12 Academic Extensions during School Closure - March 24-27

	Monday 3/23	Tuesday 3/24	Wednesday 3/25	Thursday 3/26	Friday 3/27
Math		<p>A family has added a room to their home. It is rectangular with dimensions of 12 ft x 18 ft. The walls are 10 ft high. They have a budget of \$7500 to decorate and furnish the room. The minimum needed is:</p> <ul style="list-style-type: none"> - paint for the walls (1 gallon of paint covers 300 square feet of wall space) - Floor covering (carpet or tile.) - Seating for at least five people - 2 side tables and two lamps - 1 TV <p>Calculate the number of gallons of paint that will be needed and the square feet of flooring needed. Save these calculations for tomorrow's work.</p>	<p>Look at the Home Depot and Lowe's websites and select the paint and floor covering that you will use in the room addition. Using the gallons and square footage that you calculated yesterday, calculate the total cost of the paint and flooring you have chosen. A painter will charge \$300 to paint the room. An installer will charge \$400 to install carpet and \$800 to install tile. Decide if the family should hire these (or one of these) professionals or whether they will do the work themselves. Calculate the total price for the paint and floor covering, including any installation costs. Calculate the amount remaining for furnishings. You will select the furnishings tomorrow.</p>	<p>Look at the American Furniture Warehouse website and select the furnishings that you need for the room addition. Note: There is a total fee of \$150 for the store to deliver the furniture to the home. Keep in mind that the total for paint, floor covering, furnishings, and delivery must not be more than \$7500. Write down your purchase recommendations. Discuss and explain your recommendations with an adult.</p>	<p>An unexpected emergency expense occurred and the family's budget for the new room is now reduced to \$6500. What expenses would you cut? Explain your rationale to an adult.</p>

Reading		Read a book of your choice for at least 30 minutes.	Read a book of your choice for at least 30 minutes.	Read a book of your choice for at least 30 minutes.	Read a book of your choice for at least 30 minutes.
Writing		<p>Journal: Start a journal that you will add to as a memory of this school closure. Today's prompt: <i>Are you pleased or are you upset about the school closure?</i></p> <p>Writing Assignment Research how the California and New York state governments are responding currently to COVID-19. Write a paragraph describing the responses and indicate how they are similar/different.</p>	<p>Journal: Today's journal prompt: <i>How do you feel about the "social distancing" recommendations by our government? Are you following the guidelines?</i></p> <p>Writing Assignment Describe how the Arizona state government is responding to COVID-19. How does Arizona's response differ from New York and California? Why do you think the responses are different?</p>	<p>Journal: Today's journal prompt: <i>So far, what has been the most challenging aspect of "home schooling"?</i></p> <p>Writing Assignment Respond to the following: <i>Should families stock up and keep a large supply of necessities? Explain your reasoning.</i> Discuss your response with an adult.</p>	<p>Writing Assignment Write a letter to an older relative. Ask how he/she is doing. Tell them how you're doing and share with them some of the activities you have completed during the week. Address the envelope and mail the letter.</p>
STEAM		Complete the lessons in Disney's Imagineering Project (note: if you are unable to complete all the lessons, then simply complete what you can).			
Social Studies/Economics		The US Government spends more than it earns in order to maintain standard safety and services to the American people. But can you do better? With an adult, discuss what you would change to reduce the debt through this DebtFixer tool.		Consider a purchase that you would like to make two years after you graduate from high school (possibly a car or helping with college tuition or making a deposit on an apartment). Research online how	

		Consider and discuss the impact of the cuts that you decided to make.		much this item would cost. Discuss with an adult a plan to save for this item. Points to consider: When would you seek employment in order to start saving for the item that you want? Based on when you plan to seek employment, how much per month would you need to save in order to purchase the item two years after high school graduation?	
Physical Health		Outdoor Option: Go for a run, bike ride, or walk. Indoor option: It's time for a family dance party!	Outdoor Option: Play a ball game Indoor Option: Follow a YouTube exercise video	Option 1: Play Twister with your family. Option 2: Lead your younger siblings in Simon Says and Follow the Leader . Option 3: Indoor Exercises <ul style="list-style-type: none"> - Jumping Jacks - Burpees - Plank - Situps 	Option 1: With parent permission, set up a small obstacle course indoors or outdoors. Blindfold a member of your family and direct him/her around the obstacles with voice commands only. Option 2: Indoor or outdoor shuttle runs.
Extra Activities		With adult permission, cook a meal that your family hasn't tried before.	For one day, log how much protein you eat. For packaged foods, this information is on the nutrition label. For non-packaged foods, meat contains	Complete a household chore in addition to those you are usually responsible for.	With parent permission, look for items within your own belongings that you no longer need. Gather those items for donation to a charity.

			<p>approximately 7 grams of protein per ounce (this is an average - look up online for specific meats); eggs contain approximately 6 grams or protein (per egg), and vegetables average approximately 5 grams of protein per cup. It is recommended that teenage girls consume 40-50 grams of protein daily and that teenage boys consume 50-60 grams of protein daily. How did your day's total compare to the recommendation?</p>		
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