

BLUES (11-12 Supported) #keeplearning Board



Even though we are not physically together, learning happens every day. This #keeplearning Board is designed to keep families and schools engaged with learning while we are temporarily apart.

Our teachers have worked together to identify learning opportunities that allow students to explore areas of interest and previously covered learning. **We encourage students and families to work together to engage with some or all of the activities each day as schedules and home responsibilities allow. We recognize not everyone has access to technology, so do not worry if you get to a stopping place. Simply compose questions to ask your teachers later.** We would also encourage students to reach out to their peers, through virtual means, to engage with these topics as able and appropriate. Our primary goal is to #keeplearning even in trying times--just as adults do throughout their lives.

If you have questions or need assistance with any tasks, **please reach out to the specific subject's teacher via email.**

**English
Language
Arts**

| | <i>Monday</i> | <i>Tuesday</i> | <i>Wednesday</i> | <i>Thursday</i> | <i>Friday</i> |
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| | <p>1. This is a historic time. Years from now, your children and grandchildren may ask what this time was like to live through. Write about this.</p> <p>Write out your daily routine/schedule now while you are at home.</p> <p>Now start a Daily Journal:</p> <p>*Write out your thoughts about what you think is happening</p> <p>*Write down how you feel about it</p> <p>*Write about what is going on near and far from you</p> <p>*Capture how this virus has disrupted your school year—including sporting events, concerts, assemblies, dances.</p> <p>*Write out your daily schedule from when you were attending school every day.</p> <p>2. Read a book -- ANY BOOK! If you don't have a book, read a magazine article. Spend at least 30 minutes every day reading something.</p> | <p>1. Look at Monday activities. Keep those things going! They are important!</p> <p>2. No doubt you have been filling some of your time with movies, television shows, podcasts, video games -- those sorts of things. Write a review of something with which you have been filling your time. Assume that you will share this on social media or in some sort of publication.</p> | <p>1. Keep on keeping that journal and reading something!</p> <p>2. Make a top 10 list of the best books you've ever read. Put it in order from best to 10th best. If you want to, prepare a defense of why you chose your #1 book.</p> | <p>1. You KNOW you need to keep working on that journal and keep reading!</p> <p>2. Is there a particular song that has lyrics that seem particularly relevant to you? Write down those lyrics or sing that song!</p> <p>3. Do some grammar! (Yes, grammar!!)</p> <p>Find the subject and verb in the following sentence:</p> <p>John and Mary danced in celebration!</p> | <p>1. Do I even need to say it? Write in your journal and READ!</p> <p>2. Go outside and breathe some fresh air if you can (following health guidelines). Reflect on the good things about school and life.</p> |

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| Social Studies | <p>Think about two of the most interesting people you have studied this year. Look at their childhood and list three key facts about each.</p> <p>Use the links below to help with resources.</p> <p>You could also watch a Biography on Netflix, History Channel, etc.</p> <p>Resource: Ducksters: https://www.ducksters.com/history/</p> <p>Resource: https://www.biography.com/</p> | <p>Brainstorm a T-Shirt Design for one of your two historical figures. Try to represent the key facts and events from their lives.</p> <p>T-Shirt Template Resource: https://www.customink.com/ndx/#/</p> <p>Examples: https://www.redbubble.com/shop/historical+figures+t-shirts</p> | <p>You are hosting a dinner party and you are in charge of the guest list. You must fill all the categories for your guests.</p> <p><i>Absolute Leader</i> <i>Philanthropist (a person who seeks to make the world a better place)</i> <i>Doctor</i> <i>Musician</i> <i>Sports Figure</i> <i>Heroic Figure</i> <i>3 Wild Card Guests of your choice.</i></p> <p>Digital Worksheet: Dinner Party Assignment</p> | <p>Make a list of the 10 most significant events you remember or have learned about from US History, then rank them from most significant to least. Use the text to narrow down options to help.</p> <p>Digital Worksheet: Assignment: https://docs.google.com/document/d/1f6SegVovgTbebXe_JEcW84y7mFcrER02AL9xnP8Hj7M/view (Request Access)</p> <p>Resource: 25 Moments that Changed America: https://time.com/3889533/25-moments-changed-america/</p> | <p>Find and watch a program that has a historical setting in the past. What about the film or television program is realistic? What about the film or television program is unrealistic? How could it be better?</p> <p>Write your responses in Google Drive or on paper. Name document "Historical Show" and then add the date.</p> |

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| Math | <p>Peruse and consider Math for Grown-Ups (https://mathforgrownups.com/category/math-for-grownups/math-at-work-monday/), as it includes many discussions on math usefulness, including the Math at Work Monday series in which the author interviews people in a variety of professions about how they use math. Think about how you might use math in the career that you are considering.</p> | <p><u>Which One Doesn't Belong?</u> Choose which one of four options "doesn't belong". Explain why.</p> <p>A juice company wants a new container design, and you have been commissioned to create it. It should look different than other containers so that it stands out to customers --it could be a prism, cone, pyramid, a combination, or any three-dimensional geometric figure you can describe. It needs to have a volume of 16 fluid ounces.</p> <p>Once you have your design, you'll need to prepare a prototype of the container, or an image showing what it will look like and what its dimensions will be and calculations that prove the container will hold 16 fluid ounces. Your mathematical reasoning should be as clear as possible so that people who aren't as comfortable with math can understand.</p> <p>Resource: https://www.vectary.com/3d-modeling-learn/create-a-new-3d-object/</p> | <p>Would you rather? https://www.wouldyourathermath.com/category/9to12/</p> <p>Choose the "better" of two options, and defend your choice mathematically.</p> <p>What is the largest value of x that solves the equation $x^2 - 4x + 3 = 0$? Justify your answer.</p> <p>Write the equation $y = x^2 - 8x - 20$ in factored form and in vertex form.</p> <p>In the word HAWKS, how many ways is it possible to rearrange the letters if none repeat and the letter W must go last? Show your work.</p> <p>The answer is _____ because _____.</p> | <p>Select one of the topics which applies to what you have learned from the current topics you have learned. Follow through and complete the problem/problems</p> <p>The website https://www.openmiddle.com/ provides tasks with fixed launches and fixed endpoints, but open middles allowing you to forge your own path to a successful resolution.</p> <p>Watch this video over buying a home and interest rates: Link: https://www.hgtv.com/lifestyle/real-estate/how-to-finance-a-new-home</p> <p>What has happened with the interest rates for being able to finance a house and would this be a good time to finance? Explain.</p> <p>Would now be a good time to add more money to invest in your retirement if you have some extra money or be a good time to start a retirement plan with investing? Explain.</p> | <p>Select one of the grade level topics which applies to a topic which you have learned from the current class you are in.</p> <p>http://www.shodor.org/interactivate/activities/</p> <p><i>Hidden Figures, A Beautiful Mind, Stand and Deliver, The Man Who Knew Infinity, and x+y</i> are all movies in which math plays a central role. Watch one with your family, taking special note of when you see math that you may have done in your classes.</p> <p>Arithmetic Series</p> <p>Find the sum of the arithmetic series $13 + \dots + 61$.</p> <p>Resource: Arithmetic Series: https://youtu.be/cYw4MFWsB6c</p> |

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| Richards /Kellogg Math | <ol style="list-style-type: none"> 1) Keep a food journal and activity journal. Be sure to write down everything you eat and drink. 2) Highlight the fruits and vegetables you take in. 3) Include water intake. 4) Decide what can you improve on if anything. | <p>Continue the food journal.</p> <ol style="list-style-type: none"> 1) Compare the cost of toilet paper and determine which is the best buy. <p>Angel Soft Big Roll 12 count 254 sq. ft. 198 sheets = \$8.79</p> <p>Charmin Mega Roll 12 count 284 2 ply sheets 371 sq. ft. = \$13.25</p> <p>Which is better and why?</p> <p>Go to “Which One Doesn’t Belong” (https://wodb.ca/). Choose which one of four options “doesn’t belong”. Explain why.</p> | <p>Continue the food journal.</p> <p>You have \$200.06 to last until March 31st. You need \$18.95 for gas, \$48.99 for your cell, and \$25.00 payment to Grandma. With what you have left, what would you buy and why?</p> <p>Would you rather? http://www.wouldyourathermath.com/ (Make sure you choose the correct grade band from their homepage.)</p> | <p>Continue the food journal.</p> <p>Peruse and consider Math for Grown Ups (https://mathforgrownups.com/category/math-for-grownups/math-at-work-monday/), as it includes many discussions on math usefulness, including the “Math at Work Monday” series in which the author interviews people in a variety of professions about how they use math. Think about how you might use math in the career that you are considering.</p> | <p>Looking over 4 days of data</p> <ol style="list-style-type: none"> 1. What day did you eat the most calories? 2. What day did you eat the least? 3. What is the average amount of calories consumed daily? 4. What is the total number of minutes for exercise? 5. What is the average amount of exercise daily? 6. What do you do well? What can you improve upon? 7. Set a goal. |

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| Science | <p>Asking Questions: The coronavirus has led to an international pandemic. Generate a list of questions that you could research in order to gain a deeper understanding of the scientific nature of this disease.</p> <p>Write questions on separate pieces of paper or create a Google Doc.</p> | <p>Developing and Using Models: Using any source of data, compile the coronavirus transmission data for 3 countries and create a graph from this data. Provide a claim that can be supported by this evidence.</p> <p>Map Data Resource: https://usafacts.org/visualizations/coronavirus-covid-19-spread-map/</p> <p>Chart Guide: https://developers.google.com/chart</p> | <p>Analyzing/ Interpreting Data: Now that you have compiled and graphed a set of transmission data, please compare the data from different countries and distinguish between <i>causal</i> and <i>correlational</i> relationships in the data.</p> <p><i>(Example - How has the data been influenced by the way the country has handled the pandemic internally?)</i></p> <p>Resource: https://www.khanacademy.org/math/probability/scatterplots-a1/creating-interpretng-scatterplots/v/correlation-and-causality</p> | <p>Using Mathematics and Computational Thinking: Based on your graphed data, make quantitative predictions (based on the current transmission rate)</p> <p>Resource: https://www.khanacademy.org/math/probability/probability-geometry/probability-basics/v/making-predictions-with-probability</p> <p>for the three countries for:</p> <ul style="list-style-type: none"> -1 week -1 month -3 months <p>(into the future)</p> | <p>Obtaining, Evaluating, and Communicating Information: Compare and evaluate three sources of information as it pertains to the Coronavirus pandemic.</p> <p>Source 1: https://www.cdc.gov/coronavirus/2019-ncov/index.html</p> <p>Source 2: https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public</p> <p>Source 3: http://www.snco.us/HD/coronavirus.asp</p> <p>Assess the validity and reliability of information presented in the sources.</p> <p>Resource: https://www.khanacademy.org/partner-content/wi-fi/wi-fi-critical-thinking/wi-fi-fundamentals/v/critical-thinking-truth-and-validity</p> |

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| Skills for Success | <p>What is your plan for dealing with stress? Have you thought it through? Review this article (https://www.aap.org/en-us/professional-resources/Reaching-Teens/Documents/Private/Personal_plan_handout.pdf) for some helpful ideas.</p> <p>Headspace.com (free for 2 weeks)</p> <p>Who is someone you think might be lonely in this time of social distancing (a grandparent, neighbor, classmate who tends to isolate at school, etc.)? Make a point to reach out to that person, either by phone, text, or letter, just to see how that person is doing.</p> | <p>Do you prioritize getting enough quality sleep? Studies show that teens need 9 - 9.5 hours of sleep to be truly rested. Tips on how to get the ZZZs you need can be found here: https://www.sleepfoundation.org/sites/default/files/in-line-files/teenstips.pdf</p> <p>Practice calming breathing:</p> <p>Take a long, slow breath in through your nose, first filling your lower lungs, then your upper lungs. Hold your breath to the count of three. Exhale slowly through pursed lips, while you relax the muscles in your face, jaw, shoulders, and stomach.</p> | <p>WRHS has a robust Career & Technical Education (CTE) program, but do you know what all it offers? Check it out at http://teacher.usd437.net/wrhs/cte/pathways.html.</p> <p>Try your hand at coding at https://code.org/.</p> <p>Take some time to interview the adults you have contact with- use social distancing - and ask them about their careers. What is satisfying? What is challenging?</p> | <p>Are you wanting to travel?</p> <p>Take a virtual tour of some of the world's finest museums.</p> <p>If you were to make a virtual tour of any place in the world, what would it be? What would you include in the tour? Who would you interview for the tour? Share your thoughts with family and friends.</p> | <p>Have you really taken a deep dive into Naviance (https://student.naviance.com/washburnrh)? Use this time to explore all the postsecondary planning tools it offers! Look for the ROADTRIP NATION videos.</p> <p>Check out this activity on budgeting (available here: https://docs.google.com/presentation/d/1sE8A1-CqnrTltOTYAx2PzoUFO9nbGTCNhDi4pPQuq2w/edit?ts=5e72c379#slide=id.p. Must request access.) How might it be helpful in the present AND in the future as we move from High School into postsecondary education and careers?</p> |

Online Library Resources (<https://sites.google.com/usd437.net/awlibraries/resources>)

Access WRMS and WRHS Library resources at <http://library.usd437.net>. Students may log in with their network username and initial + number password. Both electronic books and audiobooks are available and can be found by searching for material type for eBooks or Sound Recordings.

The Kansas State Library (<http://kslib.info>) serves the library needs of Kansas citizens and provides access to high-quality online resources. Contact your school library and media specialist for assistance with accessing these resources, as some require a Kansas State Library card.

The Topeka and Shawnee County Public Library (<https://tscpl.org/>) provides library needs to Topeka and Shawnee County residents. Students are automatically enrolled unless opted-out by parents. Username/Barcode: 437+student ID number (ten-digit number). Password is your four-digit anticipated graduation year.

Be **safe**. Be **well**. **#keeplearning**

