

# FALCONS (7-8) #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.**

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
<b>English Language Arts</b>	<p>Your ultimate goal this week is to read a novel and keep a writing journal. ANY novel will work. You can even choose a novel you have already read! Each time you read something, it is a different experience, so don't be afraid to read a book again!</p> <p>Once you have decided on a book, spend at least 30 minutes reading and then write a SHORT summary. Only include the major events.</p> <p style="text-align: center;">OR</p> <p>In your journal, write about why you chose to read this book. What do you think of it so far? Do you have any predictions? Are you connecting with anything?</p>	<p>Keep reading your book of choice for a minimum of 30 minutes.</p> <p>Then, jot down some notes about what you read including main events, setting, characters, conflicts, etc.</p> <p style="text-align: center;">OR</p> <p>Think about what this book reminds you of...Is it similar to another story you've read? Seen any movies or streamed any series that it makes you think about??? What is similar? What is different?</p>	<p>Keep reading your book of choice for a minimum of 30 minutes.</p> <p>Then, create a storyboard of 6 key events of the story so far or in the last section you just read. Include an illustration and written description for each event.</p> <p style="text-align: center;">OR</p> <p>Write a review of a movie, television show, podcast, video game etc. that you have watched or played these past couple of weeks. Then, if you have access, you can post your review on social media or on some other website. Your review could be in written or video form.</p>	<p>Keep reading your book of choice for a minimum of 30 minutes.</p> <p>Then, think about your favorite song or a song that really means something to you. Write down those lyrics or sing that song!</p> <p style="text-align: center;">OR</p> <p>Do some grammar! Turn to any page of your book and make a list of the nouns, pronouns, verbs, adjectives, adverbs, prepositions, and interjections that you can find.</p>	<p>Keep reading your book of choice for a minimum of 30 minutes.</p> <p>Imagine your novel is being turned into a movie. Design the movie poster! Think about: What image will you include to summarize the novel? What actors would play the main characters? What tagline will you include to build interest in the film release? Get creative here. Either draw your poster on paper or you can use any online tool you have access to!</p> <p style="text-align: center;">OR</p> <p>Put together a HOW-TO video and post it online. It could be as simple as "How to Survive the Coronavirus Quarantine" or even "How to Make Hand Sanitizer."</p>

Math

**Baker's Delight**

You have developed an interest in starting a baking company where chocolate chip cookies are your specialty. Write a business plan that describes how you plan to sell your cookies.

In your plan, be sure to describe the recipe for your amazing chocolate chip cookie, the ratio of chocolate chips to the batter, how much it costs to make your cookie, and how you plan to markup your cookies for sale. For opening day, you are offering a discount to the first 50 customers. Describe in your plan what percent discount is reasonable so that you can afford to pay your employees and start-up costs.

OR

Try this coding activity (<https://studio.code.org/s/rozen/stage/1/puzzle/1>) that will make you think about angles!

**The Four 4's**

Can you find every number between 1 and 20 using only four 4's and any operation?

For example, I can get 1 by taking  $4 \div 4 \times 4 \div 4$ . Or I can get 2 by taking  $4 \div 4 + 4 \div 4$ .

OR

Play Mini Golf math style with this Desmos Mini Golf Activity (<https://student.desmos.com?prepopulateCode=vkes3p>).

**Understanding Percent**

For each set, circle the greater amount.

Set 1: 60% of 99 OR 50% of 199

Set 2: 75% of 80 OR 80% of 90

Set 3: 25% of 950 OR 90% of 200

Set 4: 30% of 15 OR 150% of 12

For each set, explain the strategy you used to determine the greater amount. Justify your reasoning for each set.

OR

Watch a video from this playlist (<https://www.youtube.com/playlist?list=PLF7CBA45AEBAD18B8>) and create your own math doodle

**Ice Cream Scoop**

In shops with lots of ice-cream flavors there are many different flavor combinations, even with only a 2-scoop cone. With 1 ice-cream flavor there is a 1 kind of 2-scoop ice cream, but with 2 flavors there are 3 possible combinations (example, vanilla/vanilla, chocolate/chocolate, and vanilla/chocolate). How many kinds of 2-scoop cones are there with 10 flavors? Use Adobe Spark, Google Drawing, Canva or a piece of paper to represent your thinking....and don't forget to tell us what kinds of ice cream you would have! Challenge: What about "n" flavors (can you write an equation with n to find the general formula to any number of flavors)?

OR

Pick a graph from this site (<https://www.nytimes.com/column/whats-going-on-in-this-graph>). Write a paragraph explaining the main point of the graph.

**Integer Sums and Differences**

Using the integers -3 to 3, at most 1 time each, fill in the blanks to make each equation true. See if you can find more than one possible solution!

$$\square + \square = \square$$
$$\square - \square = \square$$

OR

Make an equation creation ([https://www.mathplayground.com/equation\\_creations\\_spiromath.html](https://www.mathplayground.com/equation_creations_spiromath.html))!

	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
<b>Social Studies</b>	Design a t-shirt for a historical figure or time-period.	Read two news articles from different news sources about a topic. Consider how the perspectives are similar and different.	Research a historical figure you've learned about in class and make a campaign poster for that person as though they were running for President.	Draw a cartoon or comic or make a graphic novel about an event we have studied.	Watch a documentary off a streaming service about a historical topic of your choice.
<b>Science</b>	<p><b>Get outside!</b> Go on a walk (following health guidelines) and try to find as many items as possible in nature from the chart linked here: (<a href="https://docs.google.com/document/d/1wn39uBm22fTkIg6R2UNb01oV2B3IPbpJB_KY3ZYpU-M/edit?usp=copy">https://docs.google.com/document/d/1wn39uBm22fTkIg6R2UNb01oV2B3IPbpJB_KY3ZYpU-M/edit?usp=copy</a>). Take your family too!</p>	<p><b>Famous People</b> Read about Greta Thunberg and her role in climate change activism at the article here: <a href="https://www.biography.com/activist/greta-thunberg">https://www.biography.com/activist/greta-thunberg</a>. Extension-follow her on Twitter and Instagram. Share what you learned about Greta with a sibling, parent, friend or other relative.</p>	<p><b>Design</b> Design a car with household materials or find an existing toy car at home. Go to a hard surface and create a ramp with books, wood, etc. Conduct 5 trials for distance (dependent variable). If you don't have a yard stick, mark with a piece of tape on the floor. Change one variable about your experiment to try and make your car go even farther (independent variable). This could be done with the car or possibly the ramp. Keep all other variables the same besides the one you're changing. Conduct 5 more distance trials. Write a conclusion about what you found out. Bonus: Create an infographic on Adobe Spark or on paper by outlining your entire experiment.</p>	<p><b>Virtual Field Trip</b> Go on a virtual field trip to the National Museum of Natural History (<a href="https://naturalhistory.si.edu/visit/virtual-tour/current-exhibits">https://naturalhistory.si.edu/visit/virtual-tour/current-exhibits</a>). Click on current exhibits. Find an area in the museum that interests you. Write a 3-2-1 Summary (<a href="https://docs.google.com/document/d/1bT1SQ3mH0G0A6sGE-Tc2wegNMfPdCHBWqA9OnVqDID0/copy">https://docs.google.com/document/d/1bT1SQ3mH0G0A6sGE-Tc2wegNMfPdCHBWqA9OnVqDID0/copy</a>) about what you discovered. <b>3-</b> Things you learned <b>2-</b> Things you find interesting. <b>1-</b> Question you have.</p>	<p><b>Recycle!</b> Play the game Recycle Roundup (<a href="https://kids.nationalgeographic.com/games/action-and-adventure/recycle-roundup-new/">https://kids.nationalgeographic.com/games/action-and-adventure/recycle-roundup-new/</a>). Now look through the information on Shawnee County Recycling Program (<a href="https://www.snco.us/sw/">https://www.snco.us/sw/</a>). Afterwards look through your own house for items that can be recycled.</p>

<p><b>Skills for Success</b></p>	<p><b>Mindful Monday:</b> Find a feel good quote to write out or put on a Google Slide. Decorate the paper or slide with pictures representing the quote.</p> <p>Do you prioritize getting enough quality sleep? Studies show that teens need 9 - 9.5 hours of sleep to be truly rested. Here are some tips (<a href="https://www.sleepfoundation.org/sites/default/files/in-line-files/teentips.pdf">https://www.sleepfoundation.org/sites/default/files/in-line-files/teentips.pdf</a>) on how to get the ZZZs you need.</p>	<p><b>Terrific Tuesday:</b> Send a text or other form of message to an important adult in your life (parent, guardian, other relative, teacher, counselor, coach, youth group leader, etc.)</p> <p>Create your own recycling bin and start recycling at home.</p>	<p><b>What's Up Wednesday:</b> Take some time to write and/or draw about your feelings of not returning to your school building the remainder of this school year. Include a list of things you need/want to finish out this school year. Share this with your parent/guardian, teacher, school counselor, etc.</p> <p>Learn how to cook a family recipe. Practice reading a recipe and making precise measurements. Ask your family members what makes the recipe a family tradition.</p>	<p><b>Thankful Thursday:</b> It's easy to fall into the negativity surrounding our community right now, so challenge yourself to create a list of at least 10 things, people, activities, events, etc you are thankful for.</p> <p>Spend some time doing art today. Whether it is pen, pencil, crayon, or paint get creative.</p>	<p><b>Fair Weather Friday:</b> Get outside if the weather allows (following health recommendations). Take a walk or run (include your dog), kick a soccer ball around, look in garden areas for Spring plants emerging, sit outside and read or journal, create your own fun outside. If you can't go outside, find exercise videos to follow along with, play Just Dance with your family, play cards or a board game, create an art project while listening to your favorite music.</p> <p>Create your own mindful minute.</p>
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**Online Library Resources (<https://sites.google.com/usd437.net/awlibraries/resources>)**

Access WRMS and WRHS Library resources at <http://library.usd437.net>. Students may login 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

