Math	STEAM	Language Arts
Visit BedTime Math at http://bedtimemath.org/fun-math-capybara/ to see the adorable picture and story that goes with this math problem: *Little kids:* If you took Cheesecake for a walk, how many legs would the two of you have together? *Bonus:* How many legs do the capybara, deer and turtle have all together? (answer online at the above link)	**Zoo Safari Ride** Follow the steps below: 1. Click on the link below which will take you to the San Diego Zoo Webcams. https://zoo.sandiegozoo.org/live-cams 2. Choose 1-2 animals to observe. 3. Create a list of words to describe what you see. Examples could be about their habitat, behavior, eating habits, how they look, etc.	Complete the STEAM activity, **Zoo Safari Ride**, before completing this activity. 1. Use your word list that you created about the animal you observed to write 3-5 sentences about what you saw. 2. Draw and color a picture of your animal.
<u>**Adding and Subtracting Within 10**</u> Using the digits 1 to 9 **at most one time each**, place a digit in each box to make a true statement. $$\square + \square = \square - \square$$	**Make an Animal** Either using the animal you observed on the Webcam from the San Diego Zoo or another animal that you have in mind, use household items to build an animal. Be creative and think *outside of the box* on how to do this. Possible items could be: Socks, buttons, string, recyclables, Q-tips, kleenex, Legos, cotton balls, etc.	**Creative Writing** You get to be an author today! Create a short story about your animal. The story can be fiction or non-fiction...you get to decide! Share your story with your family.
If the pattern below continues, how many squares will be in the **next** figure? Figure 1 Figure 2 Figure 3 Figure 4 image source: https://kathrynzornado.weebly.com/week-of-inspirational-math.html	**Zoo Design!** Pretend that you get to build your own zoo! Choose one of the options below: 1. Use Legos to create your zoo layout. Explain to family members which animals would be in what areas of the zoo. 2. Use your house as your Zoo. Create a sign for each animal included your zoo and post one outside of each door in your house. For example, your bedroom could be the Gorilla room and a bathroom could be for rhinos! Take your family on a tour of your zoo!	Go to **Storyline Online** at https://www.storylineonline.net/books/arnie-the-doughnut/ and listen to the story <u>Arnie the Doughnut </u>by Laurie Keller. What would you look like if you were a doughnut? Draw a picture and give yourself a unique name.

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Visit **Bedtime Math** at http://bedtimemath.org/fun-math-capybara/ to see the adorable picture and story that goes with this math problem: *Big kids:* Porcupines weigh about 35 pounds, but capybaras weigh around 100 pounds more than that! About how much does a capybara weigh? *Bonus:* If Cheesecake is exactly 4 feet long, is she longer or shorter than you – and by how many inches? (answer online at the above link)	**Zoo Safari Ride** Follow the steps below: 1. Click on the link below which will take you to the San Diego Zoo Webcams. https://zoo.sandiegozoo.org/live-cams 2. Choose 3-4 animals to observe. 3. Create a list of words to describe what you see for each animal. Look for similarities and differences. Zoologists spend much of their time observing animals. 4. Examples could be about their habitat, behavior, eating habits, how they look, interaction with other animals, etc.	Complete the STEAM activity, **Zoo Safari Ride**, before completing this activity. 1. Write a summary of your observations about the animals you chose. You should use your word list that you created about the animals to help guide your thinking. 2. Draw and color a picture of your animals.
Create an Equation Use **only** the digits 1 to 7, **at most one time each**, fill in the boxes to create a true equation. $$\boxed{} = \boxed{} + \boxed{}$$ www.openmiddle.com	Choose one animal you observed on the Webcam from the San Diego Zoo. Use household items to build the animal. Be creative and think *outside of the box* on how to do this. Possible items could be: Socks, buttons, string, recyclables, Q-tips, kleenex, Legos, cotton balls, etc. Explain to a family member how you made your animal and why you chose to use the materials you used.	Choose one animal that you observed on the Webcam and pick one of the activities below: 1. Create a "How To" guide on how to take care of your animal. If you need to, you may research the animal to get more ideas on how to care for the creature. 2. You may choose to write a fiction or nonfiction story about an animal you observed.
If the pattern below continues, how many squares will be in **Figure 10**? image source: https://kathrynzornado.weebly.com/week-of-inspirational-math.html	Fill empty glasses, jars and bottles with different amounts of water. Make music! Does changing the amount of water make a difference? https://lifeovercs.com/making-musical-instruments-with-glass-bottles/	Go to **Storyline Online** at https://www.storylineonline.net/books/carlas-sandwich/ and listen to the story Carla's Sandwich by Debbie Herman. Think about these questions: 1. Why did Carla's classmates think she was different? 2. In what ways was Carla's thinking really creative? *Create an original sandwich of your own. Draw it and label the ingredients!

Math	STEAM	Language Arts
Visit BedTime Math at http://bedtimemath.org/fun-math-capybara/ to see the adorable picture and story that goes with this math problem: *The sky's the limit:* If the shelter has twice as many turtles as capybaras and 10 times as many puppies as turtles, and there are 69 animals in total, how many animals of each type do they have? (answer online at the above link)	**Zoo Surfing Day** The San Diego Zoo and Omaha's Henry Doorly Zoo are two of the top zoos in America. Your job today will be to visit the websites for both zoos and determine which one you feel should "out-rank" the other one based on what their websites show. Spend time paying attention to animals on display, rides/attractions, hours of operation, fees, food, entertainment, educational experiences, camps, etc. Take notes on each zoo. You will use these notes for the Language Arts activity. https://zoo.sandiegozoo.org http://www.omahazoo.com	**Critique Day** Using the notes that you took about both zoos, Henry Doorly Zoo and San Diego Zoo, write up a critique on each one. Be sure to include pros and cons about each zoo based upon their websites. Try not to have a biased opinion because you have been to Omaha's Zoo, just go off of what is on their website. At the end of your critique, include in the end which zoo you would recommend visiting and rationalize why. Be sure to make sure you are including strong, factual information to sway your audience. Share your critique with family. Enjoy!
<u>**Adding 3 Fractions to Get 1**</u> Using the digits 1 to 9, **at most one time each**, place a digit in each box to make a true statement. (So you can't use ⅓ + ⅓ +⅓...all numbers must be different!) $$\frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} = 1$$ (www.openmiddle.com)	**Design Your Own Zoo** Follow the steps below to make your own Zoo: 1. Make a list of animals you would like to include in a zoo. 2. Sketch a draft of what you would like the map of your zoo to be. 3. On a large piece of cardboard, poster board or use a computer drawing program, design your zoo. 4. You may include the following, but are not limited to this list: animal exhibits, food courts/concession stands, souvenir shops, rides/attractions, parking lots, educational facilities, walking paths, storage areas, etc. 5. HAVE FUN and BE CREATIVE!	**Promotions** Choose one of the activities below to promote your zoo: 1. Create and record a commercial with your family members to promote your zoo and send to extended family and friends. 2. Create a brochure of your zoo so that visitors can know a little more about your zoo when they arrive. 3. Design the tickets to get into your zoo. What would need to be included on them and what would you want them to look like? 4. Create a bumper sticker promoting your zoo. 5. Design a billboard that will be posted along Interstate 80.
If the pattern below continues, how many squares will be in **Figure 20**?	**Tallest Tower** You will need 24 plastic cups (like the red Solo cups) for this fun activity!	Go to **Storyline Online** at https://www.storylineonline.net/books/thank-you-mr-falker/ to listen to the story <u>Thank You, Mr. Falker</u> by Patricia Polacco.

Figure 1   Figure 2   Figure 3   Figure 4

image source:
https://kathrynzornado.weebly.com/week-of-inspirational-math.html

How tall of a tower can you build with just the 24 cups? Have a competition with family members to see who can build the tallest tower!

Measure your tower. How tall is it in inches? In centimeters?

Find the difference between the height of your tower and your family members.

Write a letter or an e-mail to a teacher that has made a difference in your life.