



WEEK 8
May 18-22
11:00 A.M. - 1:00 P.M.

PBS Arkansas Shows and Times	
America from the Ground Up	America from the Ground Up was filmed on location at archaeological and historical sites throughout the U.S. and Canada. Join us in the search for clues to America's hidden history.
Live Art	Youth with and without developmental disabilities work together in a variety of performing and visual arts classes throughout the year, culminating in a final concert for the community celebrating the importance of human connection.
Untamed	From black bears to eagles to opossums, "Untamed" takes viewers inside the Wildlife Center of Virginia with the aim to provide a perspective on natural and manmade challenges that wildlife face.
Space Chase USA	Celebrate and explore the space history of Florida's space coast.
Outside: Beyond the Lens	Outside travels to areas within national parks and wild destinations rarely seen on TV.
Twirl Girls	The Stepper-ettes, a world class baton twirling team based in Omaha, Nebraska is comprised of young women ages 16 to mid-thirties. Sue Foehlinger guides the team through the many obstacles they endure while preparing to defend their World Baton Twirling Championship title.
Science is Fun	Professor Bassam Z. Shakhashiri demonstrates the wonders of chemistry in his laboratory at the University of Wisconsin at Madison.
Ancient Skies	Discover how centuries of knowledge helped our ancestors understand the mysteries of space.
Walkin' California	Steve Weldon explores some of the tallest trees in the world. Steve hikes through old growth redwoods of Redwood National and State Parks in far northern California.
Expeditions with Patrick McMillan	This series overflows with compelling wildlife and wilderness footage captured in the United States and beyond. McMillan's passion and contagious enthusiasm for the natural world is evident as he journeys across America.
NOVA	The Red Planet was once a vibrant blue water-world, home to raging rivers, active volcanoes, and even an ocean. But as the young planet's core cooled, its magnetic field and protective atmosphere faded, eventually exposing it to the wrath of the sun. With its volcanoes extinguished and its water lost to space, Mars became the frozen desert planet we know today. But if it once had many of the ingredients necessary to form life, how far along might that process have gotten?

Literacy Corner

Choose 4-6 literacy learning opportunities to practice your reading, writing and communication skills. Don't forget to grab a good book and **read daily**.

- **Presentation:** Time for YOU to be the expert! Make a presentation about something you learned this week. Be sure to include facts and pictures. This can be done on paper, poster, google presentation, etc. You can present for family at home or video chat with family and friends for a learning experience for all!
- **Using Personification:** In *Outside Beyond the Lens: East Side Colors*, Jeff Aiello describes the fall scenery using personification (giving human qualities to nonhuman things) such as “trees *paint the high peaks and canyons* with red and gold” and “people come to explore before *winter shuts its doors*.” Watch a sunset or sunrise and use personification to describe the event in four or five sentences.
- **Read a Poem:** Read “The Road not Taken” by Robert Frost and answer the questions.
- **Write an Adventure Story:** In *Outside Beyond the Lens: Alaska off the Grid*, Jeff Aiello takes us on an adventure to a remote fishing camp in Alaska. Write an adventure story about a family that works together in a wilderness setting. Where will the story take place? What trouble might they encounter by being in a remote location? How will they work together to keep everyone safe and ensure they have a good time?



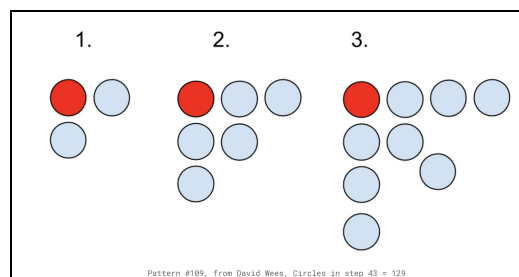
- **Design a Garden for Life:** In *Expeditions with Patrick McMillan: Gardening for Life*, Patrick explains how the plants and flowers in the South Carolina Botanical Garden represent all things that are the Carolinas. Look around your own backyard, park, or other nature spot. What do you see? Design and draw a garden exhibit with the plants and flowers that represent your home, city, or state. Share your design with a family member or friend. Explain your reasons for the plants and flowers that were chosen for the design.
- **Make a Proposal:** In *Live Art: Love*, we learned about a group of over 200 students of all abilities who participate in an arts program called “LIVE ART.” Everything in their performance was connected to the theme of love. What topic, or theme, do you think would be a good one that could bring people together in a performance? Write a proposal, or plan, for a performance connected to your theme. How would that theme bring people together? What songs could be performed? What musicians would you like to see participate? What kinds of dances and art could be included?
- **A Lot of Alliteration:** In *Science is Fun: Metals Make Color and Sound*, there are many phrases that use alliteration (same beginning sounds), such as “super-saturated solution of sodium acetate” and “clear, colorless solution of cadmium chloride.” Create a few sentences about the show or a topic of your choice and use alliteration. Try to say the sentences quickly. Was it easy or difficult? Why?
- **Pros and Cons:** In *Space Chase USA*, we learned about America’s race to beat the Soviet Union on its quest to dominate space. List the pros and cons of this quest. Support your choices with evidence from the show.
- **Never-Ending Day:** in *Walkin’ California: The Redwoods*, Steve Weldon says that the hike along the trail was something that he wished would never end because it was one of the happiest days of his life. Write a descriptive paragraph about a time you were so happy that you wished the day wouldn’t end.
- **Journal Writing:** Begin keeping a daily journal or diary on the current pandemic.
- **FREE Choice-** What are your interests? Choose a topic and create a document, presentation or performance that will teach someone else about your topic.



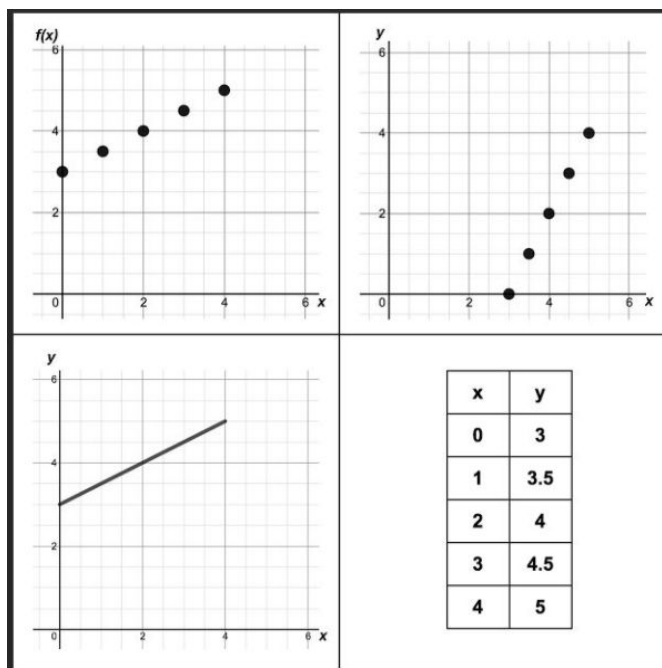
Math Mania:

Choose 3 to 4 math learning opportunities to build and reinforce your math skills.

- ALEKS:** If you have internet access, it is recommended that your child utilize ALEKS with built-in instruction to support math learning at least 3 days a week. <https://www.aleks.com/loginn>
- Khan Academy:** If you have internet access, it is recommended that your child utilize the Khan Academy modules with built-in instruction to support math learning at least 3 days a week. Select your grade level or type in the web address and select the GET STARTED button. (Counts as one each day) If needed, students may select a different grade, regardless of age.
 - [5th grade math](https://www.khanacademy.org/math/cc-fifth-grade-math)
 - [6th grade math](https://www.khanacademy.org/math/cc-sixth-grade-math)
 - [7th grade math](https://www.khanacademy.org/math/cc-seventh-grade-math)
 - [8th grade math](https://www.khanacademy.org/math/cc-eighth-grade-math)
 - [Algebra I](#)



- What do you notice?** What do you wonder about the pattern on the right? What will the next few figures look like? What is the equation you could use to find the 100th term?
- Integer Multiplication Number Battle:** Players: Groups of two
Materials: Deck of cards
Value: Ace worth 1, Jack worth 11, Queen worth 12, King worth 13
How to Play: Black cards are positive numbers; red cards are negative numbers. Players split a deck of cards and simultaneously flip over their top two cards. The highest product (answer to multiplication problem) wins all four cards. Remember, (-2) is greater than (-7) . If both players' cards have the same product, place the cards in a center pile. The winner of the next round takes the center pile as well.
- What's Your Rate?** Materials: Paper, pencil, and stopwatch (most phones have one). Do jumping jacks for one minute and record the number you completed (only count whole ones completed). Write your unit rate, jumping jacks per minute, as a fraction. At this rate, how many jumping jacks could you do in 10 minutes? How many in an hour? Do you think your rate would remain the same the entire hour? Why or why not? Repeat this activity, but hop on one foot instead.
- Which One Doesn't Belong?** Look at the four options on the right. Which one doesn't belong? Can you convince me with math? Any other possibilities?
- Fraction War:** Materials: Deck of Cards
Directions: In this game, each player turns over 4 cards. Cards are arranged to make the largest fraction (2-digit numerator/2-digit denominator). Player with the greatest fraction wins and keeps all four cards. How do you know which fraction is greater? Check with a calculator, if you like. When cards are out, the player with the most cards wins.
- Area and Perimeter: Would you Rather?** Which amount of 1 inch square pieces of chocolate would you rather have? Explain the reason for your choice.
 - Enough to cover a rectangle with a length of 9 in. and a perimeter of 22 in.
 - Enough to cover a rectangle with a length of 5 in. and a perimeter of 20 in.



- **Greatest Common Factor and the Least Common Multiple:** Using either a deck of cards (1-10) or dominos, turn over two and find the greatest common factor and the least common multiple of the numbers.
- **Volume and Surface Area:** Measure the dimensions (length, width, and height) of a box. Use your measurements to find the volume and surface area. If the box was twice as wide, how would the volume and surface area change?

$$V = L \times W \times H$$

$$\text{Surface Area} = 2(h \times W) + 2(h \times L) + 2(W \times L)$$

THINK like a Scientist!

Choose at least 2 -3 science learning opportunities for the week.

- **Making Sound:** After viewing *Science is Fun: Metals Make Colors and Sounds*, experiment with metals around your house. Can you safely cause the metal to make sound without using chemicals or fire? Explain which metals made sound and how you got it to make sound. If a metal did not make sound, why do you think that metal did not make sound?

- **Temperate vs. Deciduous:** After viewing *Walkin' California: The Redwoods*, make a list of different types of forests. The California Redwoods survive best in a temperate forest. Arkansas is part of a deciduous forest. Use the table to the right to compare the two forests. *Hint:* The video will provide evidence for a temperate forest. Exploring your community will provide evidence for a deciduous forest.

Type of Forest	Climate	Plants (especially Trees)	Animals (small-big)	How do the climate, plants, and animals interact?
Temperate Coniferous				
Deciduous				

- **Bringing Life to Landscape:** After viewing *Gardening for Life: Transforming Your Landscape for Life*, go outside and observe the types of vegetation around your house. Identify ways you can bring more "life" to your landscape. Work as a landscape architect and use your science journal to design an area that will bring more "life" to your yard. Identify different kinds of pollinators in your area. What type of plants will attract those pollinators?



- **Opossum Challenge:** After watching *Untamed: Opossums*, explain to an adult why opossums freeze or faint. Imitate an opossum by freezing your motion; see how long you can hold your pose.
- **Soil Mystery:** After viewing *The Planets: Mars*, describe what was found in the soil that was collected by Curiosity, acting as a roving laboratory. Explain why that was a turning point for scientists. Extension: In your science journal, draw a rover that could move across a planet like Mars.

FUN ZONE

- ★ **Get active-** dance, do exercises, create an obstacle course, go for a walk or run.
- ★ **Perform-** Write and perform an original song or dance.
- ★ **Play** a family game (Uno, Heads Up, Battleship, Chess, etc...)
- ★ **Create a masterpiece-** Paint or draw
- ★ Check out the PBS.org for additional learning opportunities for each show.



The Road Not Taken (From ReadWorks.org)

Two roads diverged in a yellow wood,
And sorry I could not travel both
And be one traveler, long I stood
And looked down one as far as I could

To where it bent in the undergrowth; 5
Then took the other, as just as fair
And having perhaps the better claim,
Because it was grassy and wanted wear;
Though as for that, the passing there

Had worn them really about the same, 10
And both that morning equally lay
In leaves no step had trodden black
Oh, I kept the first for another day!
Yet knowing how way leads on to way,

I doubted if I should ever come back. 15
I shall be telling this with a sigh
Somewhere ages and ages hence:
Two roads diverged in a wood, and I,
I took the one less traveled by,

And that has made all the difference. 20

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Comprehension Questions

1. According to the speaker, what "has made all the difference" (line 20)?
 - A. He or she took the first of the two roads.
 - B. He or she took the road less traveled by.
 - C. He or she took the road that bent in the undergrowth.
 - D. He or she chose a road after looking as far down it as possible
2. What is the setting of this poem?
 - A. a quiet street on the edge of a town
 - B. a forest in the middle of winter
 - C. the backyard of a house in the country

D. a wood with two roads in it

3. The speaker of the poem wishes that he or she did not have to make a choice between the roads.

What lines from the poem support this statement?

- A. And sorry I could not travel both/And be one traveler, long I stood
- B. Though as for that, the passing there/Had worn them really about the same
- C. And both that morning equally lay/In leaves no step had trodden black
- D. Two roads diverged in a wood, and I,/I took the one less traveled by

4. Based on the information in the poem, why might the second road have “wanted wear” and been “grassy?”

- A. because the second road was close to a stream that ran through the woods
- B. because the second road got a lot of sunlight
- C. because many people had taken the second road
- D. because few people had taken the second road

5. What is the theme of this poem?

- A. giving up hope
- B. making a choice
- C. enjoying the present moment
- D. having the courage to fight for something you believe in

6. Read these lines from the poem.

*Two roads diverged in a yellow wood,
And sorry I could not travel both
And be one traveler, long I stood
And looked down one as far as I could
To where it bent in the undergrowth;
Then took the other, as just as fair
And having perhaps the better claim,
Because it was grassy and wanted wear;*

Based on these lines, what does the word “diverged” probably mean?

- A. went in different directions
- B. led to the same place
- C. continued forward in a straight line
- D. turned around and went backward

7. What does “this” (line 16) refer to?

- A. the explanation of why the speaker chose the second road
- B. the place the speaker will be ages and ages from now
- C. the description of the first road bending in the undergrowth
- D. the leaves that lay on both of the paths in the yellow wood

8. What has worn the roads “about the same” (line 10)?

9. Compare the two roads with each other. Include at least three pieces of information from the poem.

10. The speaker claims that he or she has taken the road less traveled by. Is the speaker telling the truth? Support your answer with evidence from the text.