
AIG MIDDLE VIEWS

4TH ANNUAL FOREST PRODUCTS WEEK ESSAY CONTEST: DEADLINE OCT. 23, 2020 AT 5:00PM

Did you know wood is the only natural resource on Earth that is renewable, recyclable and biodegradable? To celebrate Forest Products Week, the North Carolina Forestry Association along with its sponsors; N.C. Forest Service and the NC Sustainable Forestry Initiative, are hosting a statewide essay contest to promote the 1,000 companies directly contributing to the North Carolina forest economy.

Top essays will be selected from the elementary, middle and high school categories. All three winners will each receive a \$200 visa gift card. The teacher of the winning essay will receive a \$100 visa gift card for classroom materials, and a scholarship to attend the 2021 Sustainable Forestry Teachers Experience next summer.

The contest is open to all students in North Carolina, including charter, private and homeschool students.

If anyone is interested in having your students participate as a classroom activity, please contact me for more details. I can submit the top 5 essays for the school.

HAVE YOU SEEN...HEARD.....TRIED....

[Ditch that Textbook](#) - I'm sure many of you have already discovered DTT, but if you haven't... **click the link and check it out. There are tons of free templates, digital resources and ideas!**

Using Flipgrid

- **in Math to have students explain their reasoning**
- **for Notice and Wonder**
- **for peer feedback or peer tutoring**

And, speaking of resources, don't forget - I'm not just a resource for students. I am your resource as well - to bounce around ideas, be your research assistant, be a guest teacher, co-teach a lesson. I'm just an email away!

OCTOBER'S DPI/DUKE TIP LEARNING LABS THEME IS EXPLORATION

Exploration

- requires taking risks
- confronts the unknown
- may result in new findings or confirmation of old findings
- requires leadership

Learning Lab Activities for Exploration Grade 6-7

<p>ELA</p> <p>An “Origin Story” is a fictional narrative that explains why something is the way it is (why a tiger has stripes or why a snake has no legs, for example). Origin stories often come in the form of fables or fairy tales. They can even be about characters that have superpowers and describe how a person became a superhero, like Spider-Man or Superman.</p> <p>Explore a topic of interest to create a story about why it is the way it is. It could be something in nature or a superhero. Write a fable, fairy tale, or comic strip detailing your origin story.</p>	<p>SOCIAL STUDIES</p> <p>Every 10 years the US completes the census to help apportion funding and seats for the legislature. Demographers use the data to analyze trends in the population like urbanization.</p> <p>Explore this link from the United States Census Bureau for more information about the census.</p> <p>https://www.census.gov/programs-surveys/decennial-census/about/why.html</p> <p>Create your own census of 10 or more questions to identify patterns that may help demographers explore your local community.</p> <p>Survey your family, friends, and neighbors.</p>
<p>SCIENCE</p> <p>Join NASA Commander Suni Williams to tour her office: the International Space Station! Start with the “Harmony, Tranquility, Unity” tour to explore sleeping and hygiene stations. Then tour the laboratories, observation, exercise, and multi-purpose modules, and command central.</p> <p>Design your own space station and explain why you included each feature. How would you modify your interior and exterior design for optimal mission achievement? What features would you add to ensure astronauts can stay mentally and physically healthy? Explain each and compare to the ISS.</p> <p>Link: https://www.nasa.gov/mission_pages/station/main/suni_iss_tour.html</p>	<p>MATH</p> <p>Use a random number generator to generate five numbers (or ask other people for random numbers).</p> <p>Using those numbers, how many unique equations can you make that total to a number greater than 100?</p> <p>Change at least three of the numbers to negative numbers. Can you still make an equation totaling over 100?</p> <p>Which equations best showcase your use of mathematical operations?</p> <p>Link: https://www.calculator.net/random-number-generator.html</p>

Learning Lab Activities for Change Grades 8-9

<p>ELA</p> <p>Social media has become very popular in the past decade and the go-to medium for communication while social distancing. Explore this topic: should social media platforms (like Facebook) be allowed to collect and sell data from its users?</p> <p>Take a stance on the issue and gather strong and relevant evidence from research to support it. Create an introduction to a debate that explains your views on the issue. Include a thesis statement, 3 claims, and 2 counters. Conclude your introduction by emphasizing the importance of your stance. See how many people you can persuade!</p>	<p>SOCIAL STUDIES</p> <p>In today’s news you can see reports about many people asking the governors to re-open the businesses in their states.</p> <p>Imagine you are the advisor on travel and tourism to the governor of North Carolina. Research to explore both sides of the issue of re-opening businesses.</p> <p>Write a memorandum to the governor offering your best recommendation regarding businesses in North Carolina opening once again.</p>
<p>SCIENCE</p> <p>These graphics from the U.S. Energy Information Administration show historical data and make projections for the future.</p> <ul style="list-style-type: none"> • US energy consumption https://www.eia.gov/todayinenergy/images/2020.01.29/chart2.svg • US electricity generation https://www.eia.gov/todayinenergy/images/2020.01.29/chart3.svg • US energy-related CO2 emissions https://www.eia.gov/todayinenergy/images/2020.01.29/chart5.svg <p>Given the recent changes in human behavior due to COVID-19, predict how the actual values for each might differ, and explain why. Consider how the values might change over time.</p>	<p>MATH</p> <p>While jogging around a lake, you notice different exercise strategies. Some people run steadily while others speed up, peak, and then slow down. A few speed up the entire lap and one person constantly gets faster as he goes.</p> <p>Represent these observations mathematically as both tables and graphs. What inferences can you make based on the data?</p> <p>How would your data be impacted if people were biking, walking, skipping, etc.? What types of actions would drastically change the graphs?</p>

