

ADVANCED LEARNING LABS

Collaboration between NC Department of Public Instruction and AIG Teachers across the state

TO ENGAGE, ACTIVATE, AND GROW OUR STUDENTS

GRADES

8–9

Identity



ENGLISH LANGUAGE ARTS

Research a civil rights leader using a variety of texts. It could be someone from the United States or someone from another part of the world, such as Steve Biko in South Africa or Mohandas Gandhi in India.

- Who was the person?
- What led him/her to become a leader?
- How did they identify with their cause?

Once you have gathered enough information, write an informative biography of the civil rights leader for a younger audience. Make sure to create a works cited page.



SOCIAL STUDIES

When Anne Frank wrote her diary during World War II, she had no idea that it would be translated into more than seventy languages and that millions of people would read it. Her diary has become people's insight into World War II and the Holocaust. While it was a diary of her innermost thoughts, it has become a powerful primary document with which we interpret history.

You are living in a historic time period, too, and one day school children will want to know what it was like to live in 2020. Spend two weeks keeping a diary of what is going on in your life and the world in which we live.. When you are finished, put it somewhere important to read in the future. One day you will be able to reread it to remember your identity at this time and to understand historical events.



SCIENCE

A plant or animal's identity is centered in its genetic makeup. Genetic modification is one aspect of biotechnology.

Read this overview of biotechnology: <https://futureoflife.org/background/benefits-risks-biotechnology/?cn-reloaded=1>

Create a chart of risks and benefits of genetic modification. After you have completed the chart, create the script for a Public Service Announcement that shares both the benefits and risks of biotechnology.



MINDFULNESS

Teenage years are a time to develop self-identity. It may be hard to view yourself through your own lens and ignore how others view you.

You can learn more about yourself by exploring your purpose. What is the purpose of spending time with your family? Friends? Hobbies? Schoolwork? Are you spending more time in one area than the others?

Does the amount of time spent in each area match your purpose for each one? Use this mindfulness strategy to balance your time with your purpose.

Find a quote that defines your purpose in life. You can find lots of inspirational quotes on the internet or by scouring through your favorite books. Write your quote in your journal and explain its relevance to your identity.



LOGIC PUZZLE

Daniel, Daphne, Dexter, Dirk, and Dorcas are students at Washington High School, which offers an unusually diversified program in music and athletics. Each student plays a different instrument and participates in a different sport.

Detailed information for this puzzle is provided here: <https://bit.ly/30CGzmn>

Can you identify which student plays each instrument and which athletic letter the student has earned?



FIELD STUDIES

Every June 19th, many African Americans celebrate Juneteenth, a celebration of the end of slavery. While July Fourth had celebrated America's Independence, to slaves it did not, because they were not free until the American Civil War ended. Learn more about Juneteenth.

Smithsonian article: <https://drive.google.com/file/d/1g17nLu0srS8LDCSuUkH-jlNbf7XUhoLO/view?usp=sharing>

PBS article: <https://www.pbs.org/wnet/african-americans-many-rivers-to-cross/history/what-is-juneteenth/>

Follow up by finding out if and how Juneteenth is celebrated in your community and state. Prepare a Tweet that you could send out on June 19th about the holiday. A Tweet must have 140 characters or less.



RESEARCH EXPLORATIONS

According to the Federal Trade Commission, identity theft is one of the fastest-growing crimes in the United States. Check out consumer.gov's "Scams and Identity Theft" page to learn more:

<https://www.consumer.gov/scams>

Identity thieves take advantage of people in vulnerable situations. Read how the Covid-19 pandemic created opportunities for phishing and other scams: <https://www.consumeraffairs.com/finance/identity-theft-statistics.html>

Create a list of behaviors that would deter thieves from stealing a person's identity. Share with friends and family who may be targeted for these scams.



MATH

An algebraic identity is an equality that holds true for any value of a variable. $x = x$ is a simple example of an algebraic identity since it does not matter what value x is, the equation is true.

$(a + b)^2 = a^2 + 2ab + b^2$ is a common identity in algebra. Use the procedure found by following the link to prove $(a + b)^2 = a^2 + 2ab + b^2$ geometrically. <https://bit.ly/2ZuPhDB>



North Carolina Department of
PUBLIC INSTRUCTION



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K-12

Identity Reference Guide

2-3 and 4-5 Logic Puzzles:

Tower of Hanoi puzzles

https://www.mathplayground.com/logic_tower_of_hanoi.html

6-7 Logic Puzzle:

Solution available during Ted Talk:

https://www.ted.com/talks/alex_gendler_can_you_solve_the_three_gods_riddle/transcript?language=en#t-38386

10-12 Logic Puzzle:

Solution: The letter X

Solution: A tow truck

Solution: Corn

Solution: A rhyme

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Identity NC Standards Alignment

Grade Span	English/ Language Arts	Social Studies	Science	Math
K-1	RL.1.3 RL.1.7	K.C.1.1	K.P.2.1	NC.1.OA.6 NC.2.OA.2
2-3	RL.3.3	3.G.1.5 3.G.1.2	2.P.2.1	NC.2.G.1
4-5	RL.5.3	4.H.2.2 4.H.1.6	4.P.2.3	NC.4.G.2
6-7	W.6.3	6.C.1.1	7.L.2.2	NC.6.EE.6 NC.7.EE.3
8-9	W.7.2	8.H.1.3	8.L.2.1	NC.M2.A-REI.4
10-12	RI.11-12.7	FPC&G.4	BIO.3.3.3	NC.M3.N-CN.9