

# ADVANCED LEARNING LABS

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

TO ENGAGE, ACTIVATE, AND GROW OUR STUDENTS

GRADES

K-1

## Identity



### ENGLISH LANGUAGE ARTS

Your identity is who you are. Many things help tell the story of who you are, including your actions, characteristics, style, and more. Listen to *The Big Orange Splot* by Daniel Pinkwater: [https://youtu.be/iRL8d\\_6FEHw](https://youtu.be/iRL8d_6FEHw)

- What changed on the street? How did the neighbors react?
- Why does Mr. Plumbean say his "house is him"?
- What clues in each house illustration tell you about the dreams of its owner? What does each house show about the inhabitant's identity?

Design a building that would show your dreams and teach someone about who you are. Use color and details. Write a few sentences to explain your design. Explain to someone what your design shows about your identity.

(Note: In Field Studies, you will build a cardboard home. You can use your design here to decorate that home.)



### SOCIAL STUDIES

Exploring your identity helps you understand who you are. Learning to love yourself can give you confidence. Watch this video about being happy with who you are: <https://youtu.be/R7G2QQ1XgnY>

- What did the characters in the story learn about themselves?
- How do the characters in the story support each other?

Make a list of things that make you unique. How can you use your gifts to help others?

Discuss the following scenario with a parent or trusted adult:

- Pretend a friend comes to you and says they aren't good at anything. How would you help them discover what makes them special?
- How can finding similarities between yourself and others help you get along?
- How can we learn from our differences?



### SCIENCE

Sink or Float? Different objects have unique properties. One property is whether objects sink or float. Gather some objects like a rock, foil (flat and in a ball), a bar of soap, paper clip, cork, wood, straw, popsicle stick, ping pong ball, rubber ball, ice cube.

1. Predict which items will sink and which will float. Sort them into groups.
2. Put the items into water.
3. Describe your observations in your science notebook.
  - What sinks? floats?
  - What do you think it is about these items' properties and structure that cause them to sink or float?

Use some of these materials to design a miniature boat that will float and can hold 10 pennies. Name and decorate your boat, giving it a unique identity.



### MINDFULNESS

Mindful stillness can help you relax. Selecting a pose that represents who you are in a particular moment can help you feel centered and calm.

- Create a superhero pose. Be very still and take a deep breath.
- Create a magical creature pose. Be very still and take a deep breath.
- Create a pose that expresses your secret identity. Practice putting your body into that pose, being very still and taking a deep breath.

How does your body feel in each pose? The next time your body needs to feel calmer and more centered, try getting into your secret identity pose. The next time your body needs to feel calmer, try getting into your secret identity pose.



## LOGIC PUZZLE

To solve the following riddles, use clues to determine the identity of the riddle teller.

*I am used in school and out of school. I am pointy on one end and soft on the other. People think of me as yellow, but I can be many colors. You use me to write and erase. What am I?*

*I can be little or big and have short or long hair. I can be one color or many colors. I pant when I am hot and wag my tail when I am happy. I bark to communicate. What am I?*

Write your own identity riddles for your family to solve.



## FIELD STUDIES

Houses can represent our identities. Watch this video about how houses represent the person who creates them: <https://thekidshouldseethis.com/post/alfredo-and-isabel-aquilizan-cardboard-homes>

Design a house out of cardboard pieces.

- How does the house you designed represent your identity? What does it say about you?
- How can making a home help you feel more comfortable in a place you are unfamiliar?
- When might someone's home not match their identity?

(Note: In the English Language Arts task, you designed decorations for a home. You can use your design here to decorate this home.)



## RESEARCH EXPLORATIONS

Inventions often address an identified need and impact society. These inventions can become identified with a location, as happened with this invention that was created in North Carolina.

Watch this video to learn more: <https://www.youtube.com/watch?v=Z1LCUtPx73o>

Now think of another invention from the past. Consider how the item you chose has changed throughout history.

- How did the invented item impact society?
- How is the item different now than it was when it was first invented?
- What need can you identify that the item addresses?
- How are inventions a way to study history?



## MATH

Math Memory Game: Can you remember the cards' identity?

Use paper to create math problem cards (ideas: doubles, subtraction within 20, or adding numbers in the teens).

- On one card, write a problem, for example  $16+3$ .
- On another card, write a different expression that has the same answer.
- Do NOT write the answers.

Mix up the cards and put them face down in rows and columns. Players take turns turning over two cards. If your expressions are equal, you keep the cards. If they are not equal, you reflip them and try to remember where expressions you need are located. Play continues until all cards have been taken. The player with the most cards wins.



North Carolina Department of  
**PUBLIC INSTRUCTION**



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GRADES

**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](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](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
<b>K-1</b>	RL.1.3 RL.1.7	K.C.1.1	K.P.2.1	NC.1.OA.6 NC.2.OA.2
<b>2-3</b>	RL.3.3	3.G.1.5 3.G.1.2	2.P.2.1	NC.2.G.1
<b>4-5</b>	RL.5.3	4.H.2.2 4.H.1.6	4.P.2.3	NC.4.G.2
<b>6-7</b>	W.6.3	6.C.1.1	7.L.2.2	NC.6.EE.6 NC.7.EE.3
<b>8-9</b>	W.7.2	8.H.1.3	8.L.2.1	NC.M2.A-REI.4
<b>10-12</b>	RI.11-12.7	FPC&G.4	BIO.3.3.3	NC.M3.N-CN.9