

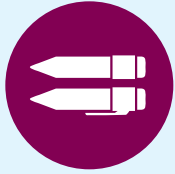
# ADVANCED LEARNING LABS

A partnership between the North Carolina Department of Public Instruction and Duke TIP  
TO ENGAGE, ACTIVATE, AND GROW OUR STUDENTS

GRADES

2–3

## Lab 4 • Community



### ENGLISH LANGUAGE ARTS

A community is a group sharing common location or common interests. Think of a community to which you belong (could be neighborhood, school, or family). Think of a way this community could be improved or changed. Pick someone in the community and share your ideas with them. Then have them share their ideas on how they would improve or change the community.

Write 2-3 questions to use in your interview. Be sure to ask appropriate questions, and listen and respond with relevant follow-up questions, answer those with details and elaboration. Using their ideas and your own, think about any changes you would make to your first idea. Develop a plan for putting your idea into action.



### SOCIAL STUDIES

The United States of America is called “the Land of the Free.” Laws are the rules the government puts in place to protect our rights as citizens. The Bill of Rights is made of ten Amendments that were added to the Constitution of the United States of America to guarantee those rights.

Watch this video to learn about the Bill of Rights, and then decide what are the five most important amendments in the Bill of Rights?

**Link:** <https://youtu.be/3P6E3Bpn5yw>

How do these amendments affect your role as a citizen in your community? Create two additional amendments that you think are needed to support the citizens in your community at this time.



### SCIENCE

Observe plants in a shady area outside in your community. Also, observe plants in a sunny area outside. Make notes about the environmental conditions and type of soil, and the types of plants in those areas you observed.

Predict the kinds of plants you would find in shady vs sunny areas. Test your predictions in new areas.

Propose an explanation for any plants that were present that did not meet your prediction.



### MINDFULNESS

A Harvard University article says that giving thanks makes you happier. This week, choose one person in your community (family, friend, neighbor, teacher, etc.) for whom you are thankful.

Create a gratitude collage! Use arts and craft materials you have at your house—colored paper, crayons or markers, cut out pictures or pictures you draw, etc. to create a collage of images that describe why you are thankful for that person.

You might include images of:

- How they make you feel
- What you like to do with them
- What makes them a fun person

Share your collage with that special person!



## LOGIC PUZZLE

Tackle this fun puzzle. Sudoku is a number puzzle where each row, column, and section can only have a number once. Complete the Sudoku using the numbers 1-6.

<https://bit.ly/35E98SI>

To learn more about Sudoku, visit <https://www.learn-sudoku.com/what-is-sudoku.html>



## FIELD STUDIES

Routines are affected by changes in society and the community around us. Watch "A Tale of Two Kitchens" from the North Carolina Museum of History to learn how morning routines from the mid-1800s are different than morning routines for kids today.

**Link:** <https://youtu.be/Zy7QrXTIsbk>

When you are finished, ask an adult in your house to describe what their morning routine was like as a child. How is it different and the same as your routine?

Use what you learned from the adult you talked to and create a list of chores you think they would have had to do as children.

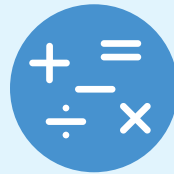


## RESEARCH EXPLORATIONS

Sociologists research how people within communities behave and interact.

Your task is to research what games an adult in your life played when they were your age. Ask an adult about what games they liked to play when they were your age. Ask questions to learn more about the games such as the rules of the game, number of people needed to play, the goal to win, and what they liked about the game, as well as with whom they interacted. Write about the games they played. Include illustrations.

What did you learn about how people behaved years ago? Review the link below. How are games kids play in other countries different than the games you play? **Link:** <https://www.parents.com/fun/games/educational/games-from-around-the-world/>



## MATH

Explore mapmaking!

Draw your neighborhood community. Create the map using as few colors as you can. Use different colors for adjacent places. How many colors did you use? Could you use fewer?

Map one room in your home. Use a book to measure the walls' lengths. Calculate perimeter and area (in books). Repeat your measurements with a bigger and a smaller book. How do they change? Using as few colors as you can, map items in the room. Color adjacent items differently. How many colors did you use? Could you use fewer? Which map was easier or harder to create?

Share your maps and findings with a family member.



North Carolina Department of  
PUBLIC INSTRUCTION



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GRADES

**K-12**

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### Works Cited and Answers

#### **Works Cited:**

**K-5: Four Color Theorem Resources-**

<https://www.crayola.com/lesson-plans/maps-and-math-lesson-plan/>

<https://www.mathsisfun.com/activity/coloring.html>

<https://medium.com/@MatthewOldridge/four-colour-theorem-187b32e03ce7>

**10-12:** <http://weusemath.org/>