

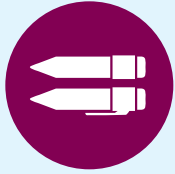
ADVANCED LEARNING LABS

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

GRADES

K-1

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).

How could your community be improved or changed? Draw, color, and label two pictures - one as your community is now and one as it would be after your change or improvement happens.



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 and they guarantee that freedom. The Bill of Rights, which was added to the Constitution of the United States of America, in ten very important additions to the Constitution (called Amendments) guarantee those rights.

Watch this video to learn about the Bill of Rights, and then decide what are the three most important amendments in the Bill of Rights? How do these amendments affect your role as a citizen in your community? Share your choices.

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



SCIENCE

Find recyclable materials in your house. Draw a design of a bird feeder out of these materials. Explain the benefits of how using recyclable materials helps both humans and animals in your community.

Create instructions for how to make a bird feeder out of recycled materials. Follow your own instructions to make a bird feeder out of the recyclable materials.

Revise and share your instructions with your neighbors or other members of your community.



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, and leave them a positive message to brighten their day. Your positive message could include a favorite memory of them, describe why you are thankful for them, or even what you look forward to doing with them at a later date.

You can share your message in a letter, video clip, voice mail, colorful picture or another creative way!



LOGIC PUZZLE

It's mu mu mu monster madness. Find the missing monsters and solve the Sudoku puzzle.

<https://bit.ly/2WA7cGk>

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?

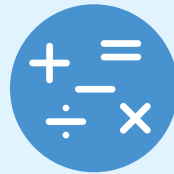


RESEARCH EXPLORATIONS

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. Then, write about the games they played.

What did you learn about how people behaved and interacted through games years ago?



MATH

Be a community mapmaker!

Draw a map of your street/block and the locations around you. Color the map using 4 different colors. Use different colors for side-by-side and opposite items. Was it easy or hard? Why?

Choose a room in your home and draw a map. Use a book to measure the walls' lengths and label the sides. What is the perimeter (in books)? Draw items in the room using 4 crayons. Make things next to or across from each other different colors.

Was it easier or harder to create than the street map? Why? Share your map with someone who lives in your house!



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PUBLIC INSTRUCTION



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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/>