

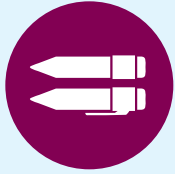
# ADVANCED LEARNING LABS

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

GRADES

K-1

## Lab 5 • Responsibility



### ENGLISH LANGUAGE ARTS

Responsibility can sometimes mean thinking of others before yourself.

Using a combination of drawing and writing, create a picture showing a time when you helped someone with something. Then think about how the other person felt before and after you helped him/her.

Write 1-2 sentences from the person's point of view. If possible, share the picture/writing with the person you helped.



### SOCIAL STUDIES

Families have had to take responsibility for entertaining themselves while they cannot do their normal activities. Select 5 objects from your home:

- a fruit or vegetable
- an object that starts with the first letter of your name
- a ball or round object
- a t-shirt
- a basket or large bowl

Using the 5 objects, create a game that can be played with at least 2 players. Create a name and funny catchphrase for your game. For example, Pokemon use the phrase, "Gotta catch them all!" Write down detailed rules for playing the game to maintain fairness. Why is it important to have rules when you play a game? Play your game with your family!



### SCIENCE

Before brushing your teeth, put the stopper down in the sink. After you finish brushing your teeth, observe the amount of water in the sink. Did you leave the water on or off while you brushed your teeth? How much water is in the sink from brushing your teeth? Predict the amount of water that would be in the sink if you had done the opposite.

Think about your use of water. If you use more or less, predict the impact of your water use on plants or animals in the area you live.

Are there behaviors you need to change to be more responsible for water use? If so, how will you do that? Discuss this with an adult and make a plan.



### MINDFULNESS

Being responsible means that you do the things you are expected to do and accept the results of your actions. A responsibility might be a task we are expected to do, such as brushing our teeth, or finishing our homework.

What are your responsibilities at home? Have you gained any new responsibilities during this extended time at home? How do you feel about any new responsibilities you have at home or for school?

Think of different ways you can positively approach all of your new responsibilities. Share your ideas with a friend or family member and get their thoughts on different approaches.



## LOGIC PUZZLE

Find all the triangles, squares, and parallelograms you can in this lighthouse!

Follow this link: <https://bit.ly/362OQ5o>



## FIELD STUDIES

Robert Baden-Powell is known for the famous quote, "Leave this world a little better than you found it." When we learn more about the environment around us, we can take steps to be more responsible for its preservation.

Watch this video to learn about the Coastal Wetlands of the Great Lakes.

Link: <https://www.greatlakesnow.org/virtual-field-trip/>

Write down 3 important facts you learned from the video and share them with an adult.



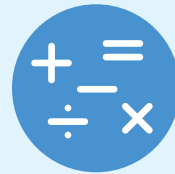
## RESEARCH EXPLORATIONS

Ecologists are scientists who study the relationships between living organisms, including humans, and their habitats.

Choose an animal that lives in the wild. Research the animal's needs for water. For example:

- What is its habitat, and what kind of water does that habitat require?
- How much water does the animal drink?
- What are the potential water issues the animal faces (for example, pollution, drought, predators)?

Next, think about how humans affect the water that the animal needs. Draw pictures showing at least 3 ways your family can take responsibility to help protect the water needed by the animal you researched.



## MATH

Host an art gallery! Draw 3 masterpieces: one showing your favorite shape; one showing the number 20; and one showing pizzas cut into different slices - whole, halves, fourths.

Price each between 5 cents and \$1. Then draw some money. Draw \$1.00 worth of quarters, dimes, nickels, and pennies. Give someone your money and ask that person to buy paintings. Be responsible! They cannot spend more than \$1.00. How much do they spend? How much do they have left?

Show the number sentence. Collect your money and your drawings. Repeat two more times. How much money did each masterpiece earn?



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GRADES  
**K-12**

## Lab 5 • Responsibility

### Works Cited and Answers

#### **Works Cited:**

**4-5:** why is Art Expensive? <https://www.wonderopolis.org/wonder/why-is-art-expensive>

**6-7:** Why is Art so Expensive: <https://www.cnbc.com/video/2017/11/02/what-makes-art-so-expensive.html>

**8-9:** Supply and Demand: <https://youtu.be/7xSaL0xvrcA>;

The Paradox of Value: <https://youtu.be/e7S8jWh6AEs>;

Graphing Stories: <http://www.graphingstories.com/>

**10-12:** If I had a Million Dollars song: [https://www.youtube.com/watch?v=B4L3ls\\_6UYg](https://www.youtube.com/watch?v=B4L3ls_6UYg)