

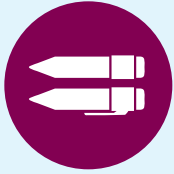
ADVANCED LEARNING LABS

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

GRADES

2–3

Lab 1 • Change



ELA

Read a story or think of a favorite fiction story.

- Who are the main characters?
- When did the story take place?
- Where did it take place?
- What are the key events in the story?
- How did key characters respond to major events?

Let's change the ending!

Write a story or illustrate a 7-panel story board with the same characters but a different ending.



SOCIAL STUDIES

Interview your family and friends and ask each one who they think is the most important person in history.

Draw a chart with four columns, and record (1) the name of the person you asked (2) the person in history they named (3) what the person did that was important, (4) why it was important.

Put together a "Hall of Fame" gallery of pictures of these important people, and share the results with your family and friends.



SCIENCE

A bowl of vanilla ice cream left on the counter at room temperature turns into a sticky liquid.

What caused the change to the ice cream? How is this process similar to ice melting? Can the sticky liquid be made into the same ice cream again?

Explain your answer.

How, if at all, would your answer change if the ice cream had contained ribbons of caramel?



MINDFULNESS

Everyone is special! There are different things that make someone special. Spend time thinking about what makes you special.

What are your favorite things about yourself? Write a 5–7-line poem describing what makes you special. Begin with, "I am special because..." Illustrate your poem with a picture of yourself doing something that you love. Share your poem and illustration with a friend or family member.



LOGIC PUZZLE

Comical Cryptograms:

Solve these cryptograms to learn what Waldorf and Statler have to say about Fozzie Bear's jokes.

Link: <https://tinyurl.com/ybenyvsh>



FIELD STUDIES

Watch the video below to tour Dutch Hollow Farm in Schodack, New York.

After watching, write a paragraph explaining how your daily life is impacted by farming. How would your life change without it?

Draw and color a picture of your favorite part of the virtual trip to Dutch Hollow Farm.

Link: <https://youtu.be/y-FQsNH0fXI>



RESEARCH EXPLORATIONS

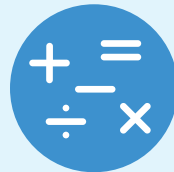
Practice can speed us up. Repetition can make us tired. Rest can keep us consistent.

Hop for 30 seconds and count how many times you hop.

Rest 2 minutes and then hop for another 30 seconds.

Rest 2 minutes and hop for 30 seconds once more.

How many times did you hop altogether? Did the number increase or decrease each time you hopped? What change could you make to increase or decrease the number?



MATH

Triangle Tour! Set a timer for five minutes. Search around you for triangles:

- *Equilateral* – three equal sides
- *Isosceles* – two equal sides
- *Scalene* – no equal sides.

Count how many of each you find. When time's up, graph your results.

Next, ask someone else to search for 5 minutes.

Graph and compare their results to yours.

Which triangles were easiest and hardest to find?



North Carolina Department of
PUBLIC INSTRUCTION

