

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

Diversity



ENGLISH LANGUAGE ARTS

A bio poem is a poem written about a person. It can help us to learn about ourselves as well as teaching us about the diversity of others. Use this format to write a bio poem:

Line 1: Your Name

Line 2: Three adjectives (describing words) about you

Line 3: Enjoys (name two things)

Line 4: Loves (name two things)

Line 5: Fears (name one thing)

Line 6: Wishes (name one thing)

Line 7: Wonders (name one thing)

Line 8: Plans to (name one thing)

Line 9: Your name repeated

Share your poem and read bio poems written by other people.

- What did you learn about the diversity of your family and friends?
- How does reading about other people help us to understand ourselves and others?



SOCIAL STUDIES

People living together in an area are part of a community. Each person brings their own culture and experiences which contribute to making the community diverse.

With a family member, brainstorm different people in your community. Now think about a few of these people,

- What makes each one unique?
- How do they contribute to the community?
- How do the contributions of these individuals make your community a diverse place to live?

Design a mural or a monument to display in your community that reflects the diversity of your community. Here is a video that shows how one school in Asheville created a mural: <https://vimeo.com/67886203>



SCIENCE

Lets go on a nature hunt for diverse objects! Use an egg carton if you have one. Label each row of the egg carton with one of these words:

Shiny	Light	Soft	Smooth	Dull
Hard	Bumpy	Colorful	Heavy	Transparent

Now, fill in one side of the egg carton with six different things you can find in nature that can be described by that word. Go on multiple hunts with different words. Sort all the diverse things you found into groups.

- Can some things go in more than one group?
- Can you make new groups?
- What big ideas or general statements can you make about diversity in nature?



MINDFULNESS

Color is a beautiful thing. Reflect on the song and visuals in this video: <https://thekidshoudseethis.com/post/color-is-a-beautiful-thing-nina-simone-animation>

Find a place to sit in your house or outside in your yard. Sit quietly. Choose a color.

- How many shades of the color you chose can you find?
- What other things are also this color shade?
- How can color help you feel connected to the other living things on earth?



LOGIC PUZZLE

I am going camping and I can bring many diverse items, but not all items. Figure out what I can bring, using the following clues:

- I can take arrows, but not a bow.
- I can take cookies but not cake.
- I can take a hammock, but not a tent.
- I can take a canteen and a bottle, but not water.
- I can take green and yellow, but not blue or red.
- I can take a puppy, but not a dog.
- I can take a book, but not a magazine.

What is the rule for the things I can bring on my camping trip?



FIELD STUDIES

Mae Jemison was the first black female astronaut. Watch this video of her talking about her life:

<https://thekidshouldseethis.com/post/dr-mae-jemison-nasa-astronaut-i-wanted-to-go-into-space>

Mae chose to take three things to space to represent groups that had not been included there before.

If you were to become an astronaut and could take three things that represent the diversity of your culture, community, or country, what would you take and why?

Discuss with a friend or family member what items you would bring and ask them to share what they would choose?



RESEARCH EXPLORATIONS

Our planet is home to many animals. This variety is called biodiversity. Watch this video that shows endangered animals: <https://thekidshouldseethis.com/post/22843849341>

If we do not support their habitats, they could become extinct, or gone from our planet. Look at the details of these animals and think about the diversity of animals around us.

- Pick an endangered animal in which you are interested.
- Read a book about or have an adult help you research the animal on the internet. Here is a list of sites for animal research: <http://www.librarypatch.com/2015/01/10-animal-research-websites-for-kids-4.html>
- Create a trading card for your animal. Include an illustration, where it lives, what it eats, how it moves, and other distinguishing facts.



MATH

When we are with family or friends, we often have to share things. There are diverse ways to share with others. If we have one rectangular cake and one circular pizza for a party, how can we equally divide the cake and pizza for 4 people?

Draw lines on the attached diagram to show how we can make equal shares.

- If I want to share just my piece of cake with my dog, how can I draw lines to divide one piece equally?
- If I invite 4 more people to the party, how many more cakes and pizzas do I need so everyone will have an equal share? If I can't order more, will we each get more or less food?



Challenge: If there are 10 people at the party, how many pizzas and cakes do we need? Will there be any left over?



North Carolina Department of
PUBLIC INSTRUCTION



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-12

Diversity Reference Guide

K-1 Logic Puzzle:

Solution: I can bring things that have double letters.

2-3 and 4-5 Logic Puzzles:

Online source of additional information and solutions:

<https://www.brainzilla.com/logic/logic-grid/agility-competition/>

10-12 Logic Puzzle

Solution: The wise man told them to switch camels.

<http://brainden.com/logic-puzzles.htm>

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-12

Diversity NC Standards Alignment

Grade Span	English/ Language Arts	Social Studies	Science	Math
K-1	W.1.2	1.C.1	K.P.2	NC.1.G.3
2-3	RL.3.2	3.C.1.1 3.B.1.1 3.B.1.2	2.L.2.2	NC.2.MD.8
4-5	RL.4.9	5.C.1.4 5.I.1.7 5.I.1.8 5.I.1.9 5.I.1.10 5.I.1.11	5.L.3.1	NC.4.G.1
6-7	L.6.1-8.1	7.C.1.1	7.L.2.1 7.L.2.2	RP.3
8-9	RI.9.6-10.6	8.H.3.1	EEn.2.7.2	NC.M1.S-ID.8
10-12	RI.11-12.6 W.11-12.1	WH.H.2.8 AH2.H.4.4 AH.C&G.1.3	EEn.2.7.2 EEn.2.7.3	DCS.N.3.4