

# 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

## Perspective



### ENGLISH LANGUAGE ARTS

A pun is a joke that is funny because a word has multiple meanings. For example, "the spider went to the computer to check his web site," is funny because web has two meanings. Understanding the pun depends on your perspective.

Listen to "The Hallow-Weiner" by Dav Pilkey and listen for the puns: <https://www.youtube.com/watch?v=g2QZInXZz0>

- What puns did you hear? Why are they funny?
- What strategies did you use to figure out the meaning of the puns-context clues, word parts, or word relationships?
- What about Oscar's unique perspective was important in the story?
- How did the dogs' perspective of Oscar change from the beginning to the end of the story?

Write your own sentence, riddle, joke, or story using puns. Write your own sentence, riddle, joke, or story using puns.



### SOCIAL STUDIES

Learning about traditions is a way we can gain new perspectives about a culture. Watch this illustrated video of a Cambodian folk song, and consider what perspective you gain about Cambodian culture: <https://thekidshouldseethis.com/post/flower-dance-cambodian-folk-song-animation-music-video>

Now think of a song that has become a part of your traditions and consider what perspective it presents about your culture. Discuss with your family.

- What similarities do you find between the two songs?
- What differences do you find?
- How can music help you see things from a new perspective?
- What other traditions can help us learn about a new culture?



### SCIENCE

Watch this video to see a year on Earth as seen from space: <https://thekidshouldseethis.com/post/one-year-on-earth-seen-from-1-million-miles>

- How does Earth look different from space compared to when you are on Earth?
- How does the Moon look from Earth? What would it look like if you were an astronaut on the Moon?
- If you were close to the Sun, what would it look like? What does the Sun look like from Earth?

Some people say Earth is a marble in Space. This is called a metaphor (comparing a thing to something else it is not exactly like, but with which it shares a characteristic). Can you think of other metaphors for Earth, the Sun, or the moon?



### MINDFULNESS

Things that impact our moods and attitudes can be influenced by our perspectives.

Watch this video about Mojo's perspective on a field trip his class is taking: <https://www.youtube.com/watch?v=y2ePf66zne8>

- What type of mood was Mojo experiencing?
- How did Mojo's perspective influence his mood?
- What did Mojo learn about moods?
- What are some strategies Mojo could use to get in a better mood?

Can you think of a time when your mood changed as a result of changing your perspective?



## LOGIC PUZZLE

To solve these analogies, you will have to look at the shapes from a new perspective. In each puzzle the first two figures are related to each other in some way. Draw a figure that is related to the 3rd figure in the same way.

1.  is to  as  is to \_\_\_\_\_.
2.  is to  as  is to \_\_\_\_\_.
3.  is to  as  is to \_\_\_\_\_.
4.  is to  as  is to \_\_\_\_\_.

Create a new shape analogy for someone else to solve.



## FIELD STUDIES

Consider ordinary things from a new perspective. Watch this video of animals drinking water:

<https://thekidshouldseethis.com/post/animals-drinking-water-underwater-bucket-cam-field-lab-texas>

- How is the perspective different from what you would typically see if you watch animals drink water?
- What are some other activities that would look different if you viewed them in a new way?
- Make a simple drawing. Find a mirror and hold it so that you can view the drawing you made. How is this perspective different from looking at the drawing directly?
- What careers require workers to view things from multiple perspectives?



## RESEARCH EXPLORATIONS

There are many details all around us that we cannot see because they are too small for our eyes to perceive. Watch this video to see the details of a butterfly's wing: <https://thekidshouldseethis.com/post/45801134976>

Let's go on a nature walk. Safely collect some items such as a leaf, rock, pinecone, flower, or bug. Examine them closely. If you have a magnifying glass, use it to see the tiny details of your items.

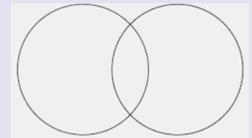
- What do you notice?
- What do you wonder?
- Describe what you see up close in your science notebook.
- How does your perspective change your observations during scientific exploration?



## MATH

Venn Diagrams are a tool for sorting. Objects can be sorted in a variety of ways based on your perspective. Make two large circles out of yarn so they overlap like this:

- Cut out assorted shapes in a variety of sizes.
- Color each shape using at least three different colors. You don't need to color all the same shapes the same color.
- Think about the attributes by which you could sort them (shape, color, size).
- Put one set of shapes into the left circle. Put a different set into the right circle.
- Do any of the shapes in each circle share a common attribute? If so, move them into the shared space in the middle.



Challenge: Once you sort them one way, try looking at them from a new perspective and re-sort them into new categories.



North Carolina Department of  
**PUBLIC INSTRUCTION**



## Perspective Reference Guide

### **2-3 Logic Puzzle:**

Solution: If we assume that the blocks are stacked without any glue, then this is the configuration of the blocks, with 3 blue, 1 green and 1 red.

If we assume that the blocks are fastened together in some way, then we don't need one of the blue supporting blocks from the bottom layer.

### **4-5 Logic Puzzle:**

Solution: The blue car and red car will crash into each other. They are in the same lane going in opposite directions. The pink car is safely in the other lane.

One way to see this is to cut the two lanes apart. You end up with a single strip of paper, but this time it is twisted twice, so it is no longer a Mobius strip. (It has 2 sides rather than 1.) You can see from the photo that the red and blue cars are on one side of the strip, heading toward each other.

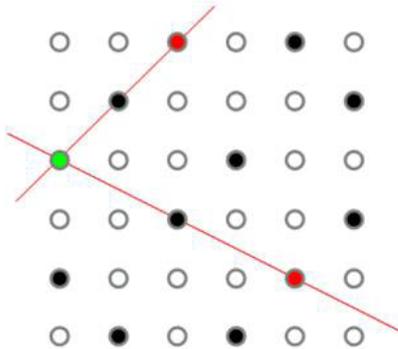
### **4-5 Math:**

Answer: [https://drive.google.com/file/d/13csWWKfqDkr\\_NvB2d8-yW3-3kpEyBi8m/view?usp=sharing](https://drive.google.com/file/d/13csWWKfqDkr_NvB2d8-yW3-3kpEyBi8m/view?usp=sharing)

Source: <https://www.1001mathproblems.com/search/label/2D%20spatial%20reasoning>

### **8-9 Logic Puzzle:**

Solution:



### **10-12 Logic Puzzle:**

Solution: All the tools are random things that are not going to help you. All you have to do is pour some water into the pipe so that the ball swims up on the surface.

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**K-12**

## Perspective NC Standards Alignment

Grade Span	English/ Language Arts	Social Studies	Science	Math
<b>K-1</b>	L.1.4	1.C.1.1	1.E.1	NC.1.G.2
<b>2-3</b>	RL.3.6	3.H.2.2 3.H.1.3	3.E.1.2	NC.3.NF.4
<b>4-5</b>	RL.5.6	4.H.1.1 4.H.1.2 4.H.1.5	4.P.3.2	NC.4.NF.1
<b>6-7</b>	RL.7.6	6E.1.1	6.E.2.4	NC.6.NS.8
<b>8-9</b>	RL.8.6	8.H.1.3	8.E.1.4	NC.M1.A.SSE.b NC.MIA.CED.1
<b>10-12</b>	RI.11-12.4	AH1.H.4	BIO.2.1.4	NC.M2.G-CO.5