



Common Core Standards:

- **CCSS.ELA-LITERACY.RI.K.1**
With prompting and support, ask and answer questions about key details in a text.
- **CCSS.ELA-LITERACY.RI.K.3**
With prompting and support, describe the connection between two individuals, events, ideas, or pieces of information in a text.
- **CCSS.ELA-LITERACY.RI.K.7**
With prompting and support, describe the relationship between illustrations and the text in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).
- **CCSS.ELA-LITERACY.RI.K.8**
With prompting and support, identify the reasons an author gives to support points in a text.
- **CCSS.MATH.CONTENT.K.MD.B.3**
Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.

Grade Level: Kindergarten

Piagetian Level: Pre-Op/Concrete

This activity is suited for learners at the pre-operational stage of development with emerging concrete operations.

STEM *Science, Technology, Engineering, & Mathematics*

Eggs of Many Colors

Instructional Goal: Following instruction, students will demonstrate an understanding that laying hens are birds that can lay different colored eggs based on their breed and need food and water just like people to live, as well as be able to sort and categorize different colored eggs using visual cues.

Lines of Inquiry:

- How are the laying hens pictured different?
- How are the laying hens pictured the same?
- How are the eggs produced by the laying hens different?
- How are the eggs produced by the laying hens the same?

Materials:

- Student reading sheet
- Student data sheet

Instructions:

- B: Provide your students with their informational handouts or project/cast it on a screen for the whole class.
- C: Go through the content with your stu-

dents, asking probing questions of them along the way to check for understanding and clarify key instructional points.

- D: Provide your students with their individual data sheets.
- E: With support as needed, have your students complete their individual data sheets.
- F: Once your students have completed their data sheets, go through the questions with the whole class and ask probing questions to determine how they arrived at their conclusions.



California Science Standards:

- **K-LS1-1**
Use observations to describe patterns of what plants and animals (including humans) need to survive.

Chickens are birds. Like all female birds, female chickens lay eggs. It's part of how their bodies work.

Just like cats and dogs come in all shapes, colors, and sizes, chickens also come in all kinds of shapes, colors, and sizes. Chickens like to run around outside and play, just like people do, and need the exercise to be healthy.



Male chickens are called roosters and they usually have very colorful feathers. Female chickens are called hens and they often come in beautiful colors, too.

Just like hens can have different colors on their bodies, they can also lay different colored eggs. Depending on what kind of hen it is, a hen can lay white, brown, blue, or green eggs. Each kind of hen has its own colors on its body and lays its own color of egg.



Just like people, chickens of all kinds need food and water to live happy, healthy lives. Hens also need plenty of good food and clean water to make nice, healthy eggs.





Name: _____ Date: _____

Answer the questions using your information sheet:

1. Male chickens are called _____.
2. Female chickens are called _____.
3. Hens lay _____.
4. Can eggs come in different colors? [] Yes [] No
5. Hens need plenty of good _____ and clean _____ to make nice, healthy eggs.
6. Different kinds of hens have different colors of feathers on their bodies and lay different colors of eggs. How do you think you can use the colors of a hen's feathers to figure out what color eggs she lays?

6. Why is it important for laying hens to have healthy food and clean water and how does that make them like people?



7. In the picture of the carton of eggs, how many different colors of eggs are there? _____

8. Complete the chart to show how many of each color of egg there is in the carton in the picture:

Number:

Brown	White	Green
_____	_____	_____