



Name: _____

Detective's Logbook

Are you ready to be a detEGGtive? Your help is needed to solve an egg mystery! Four eggs have been left in your classroom with questions on them. You will make observations and answer questions to help you learn about the unique properties of eggs. Record your observations in this Detective's Logbook.

Question 1: What's Inside of Me?

What's inside of a raw egg? Do you know the parts of an egg? Your teacher will crack open an egg. Look at the parts of the egg. Draw and label parts below. Then describe each part. Use these words: shell, yolk, and albumen.

Question 2: Are All of My Friends the Same Size?

Do you think that all eggs are the same size? Measure and weigh several eggs. You can use eggs from the same carton or a different carton. Record your observations below.

	Vertical Measurement	Horizontal Measurement	Weight
Egg 1			
Egg 2			
Egg 3			
Egg 4			

What does your data tell you about the sizes of eggs?



American Egg Board

Question 3: Does My Shell Have Any Holes?

Do you think eggshells have holes? Why or why not? Your teacher will perform a demonstration with an egg in water. Record or draw what you see below. How does this demonstration help you know if eggs have holes?

Question 4: Would I Look Different If I Swam in Vinegar? If So, How?

What do you think would happen to an egg if it was dipped in vinegar? Would it look the same or different? Your teacher will do a demonstration. Record or draw your observations below.

Did your observations help you answer the question?

Congratulations! You are a great “deteggative!” What are three things you learned about the properties of eggs?

1.

2.

3.