

After Dinner Science: The Squishy Eggs



Name(s):	
Date:	

Before You Begin:

Use words and pictures to show what the materials look like BEFORE you put the egg into the vinegar. Remember to label the parts of the egg that you can see.

My Egg	My Container of Vinegar
My egg looks _____.	My vinegar looks _____.
My egg feels _____.	My vinegar smells _____.
My egg smells _____.	

Make a Prediction

What do you think will happen to the egg and to the vinegar AFTER you put the egg into the vinegar? Why do you think this will happen?

Predictions
I predict that the egg will
I predict that the vinegar will
I think these things will happen because

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Day 1

Add the egg into the vinegar.

Use words and pictures to show what happens when you put the egg into the vinegar. Remember to label the parts of the egg that you can see.

What it Looks Like When I Put the Egg into the Vinegar

Observations

I notice...

I wonder...

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Day 2

Use words and pictures to show what the egg and vinegar look like on Day 2.
Remember to label any parts of the egg that you can see

Day 2

Observations

I notice...

I wonder...

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Day 3: Before You Take Out the Egg

Use words and pictures to show what the egg and vinegar look like on Day 3 BEFORE you remove (take out) the egg. Remember to label any parts of the egg that you can see.

Day 3 BEFORE Removing the Egg

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Observations

I notice...

I wonder...

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Take the egg out of the container.

Use words and pictures to show what the materials look like AFTER you remove (take out) the egg from the vinegar. Remember to label the parts of the egg that you can see.

My Egg	My Container of Vinegar
My egg looks _____. My egg feels _____. My egg smells _____.	My vinegar looks _____. My vinegar smells _____.

Reflections

Describe how your vinegar has changed.

Describe how your egg has changed.

Look back at your predictions. What would you tell yourself about this activity if you could go back in time? Be sure to include information about what happens and why it happens.

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Challenge Time! Here are some ways to extend your learning:

1. Read nonfiction books and science articles or talk to experts to learn more about chemical reactions. Use this information to help explain your results.
2. There are many other questions you can ask to extend this activity and make it your own. For example, you could ask something like:
 - Will you get the same results if you put the egg in water instead of vinegar? How about corn syrup? Milk? Carbonated colas?
 - Does the amount of vinegar make a difference?
 - How does the amount of time that you leave the egg in the container affect the results?
 - Does the type of egg change your results?
 - Does vinegar affect other parts of a chicken (e.g., feathers, bones, beaks, feet, meat, etc.) the same way as the egg?

Ask your own question:

What do you predict would happen?

What could you do to test your prediction?

What materials would you need?

Who would help you?

Try it out. Share what you learn.



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EXTENSION