

## The “Eggs-traordinary” Egg

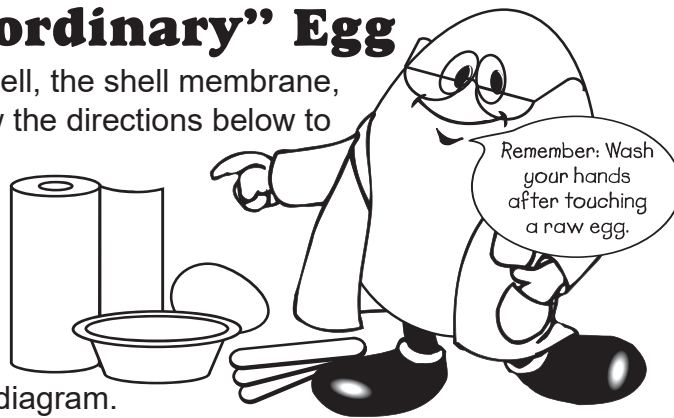
The egg is made up of four main parts: the shell, the shell membrane, the albumen (or egg white), and the yolk. Follow the directions below to find out more about the egg.

### Materials needed per group:

- fresh egg
- 3 craft sticks
- disposable soup bowl
- 2 paper towels

### Procedure/observations:

Locate and check off each italicized item in the diagram.



1. Observe the *eggshell* from the outside. What do you notice about its color and texture? \_\_\_\_\_
2. Crack the egg gently on the edge of your teacher’s mixing bowl. Empty the contents of the egg into your bowl, and set the shell on a paper towel.
3. Look for the *shell membrane*; the membrane is actually two thin, white membranes that lie very close together.
4. Touch the shell membrane. How does it feel? \_\_\_\_\_  
What color is it? \_\_\_\_\_
5. Locate the *albumen* (egg white).
6. Touch the albumen. How does it feel? \_\_\_\_\_
7. Locate the *yolk*.
8. Touch the yolk gently so that it doesn’t break. How does it feel? \_\_\_\_\_  
What color is it? \_\_\_\_\_
9. Locate the *air cell*, *germ-spot*, and *chalazas* (thick, white ropelike structures at each end of the yolk that anchor it to the shell).
10. After you have finished observing all the parts of your egg, break the yolk using a craft stick. Describe what happens. \_\_\_\_\_

### Conclusions:

On the back of this sheet, write a paragraph describing what you learned about the egg from this activity.

