

# What Is an Egg?

## SUBJECT AREAS OBJECTIVE

**Students will learn to identify the parts of the egg.**  
**Students will observe the composition of the egg parts.**

## MATERIALS

- fresh eggs
- hard boiled eggs
- saucers or petri dishes
- colored pencils or markers
- magnifying glasses (optional)

## Procedure

1. **The structure of an egg** An egg is a reproductive cell from which a new organism develops. This will occur only if the egg has been united with a male sperm cell (fertilized). A chick will hatch from a fertile egg if the egg is incubated at 100.5 degrees F for 21 days. You can tell if an egg is fertile by candling and identifying a mass or small spot in the egg. The egg will appear incandescent, and the mass will be dark.
2. **Identify the parts of the egg**
  1. Germinal disc
  2. Yolk
  3. Albumen
  4. Membranes
  5. Chalaza
  6. Air cell
  7. Shell
3. **Look at an egg**

Crack fresh egg into saucer and locate all the parts listed on the diagram.
4. **Draw and label the egg as it is in the dish**

Crack and peel a hard cooked egg. Try to locate the parts found on the egg diagram. Can you find them? Why or why not?



# Parts of an Egg Diagram

