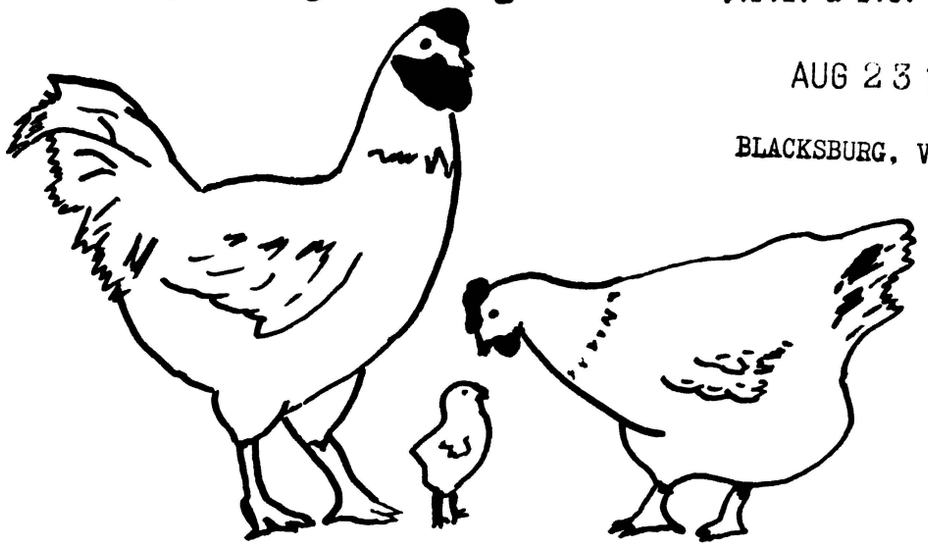
MP 27

Reprint - March, 1979

EXTENSION DIVISION • VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

# Beginning of Life RECORD BOOK





NAME _____ SCHOOL _____

TEACHER _____ EXTENSION AGENT _____

EGGS SET IN INCUBATOR

| Number of eggs set | Date | Number fertile | Percent fertile | Number hatched | Percent hatched |
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by Joyce H. Jones
*Poultry Extension Specialist, Youth Programs*
*Poultry Science Dept., VPI&SU*

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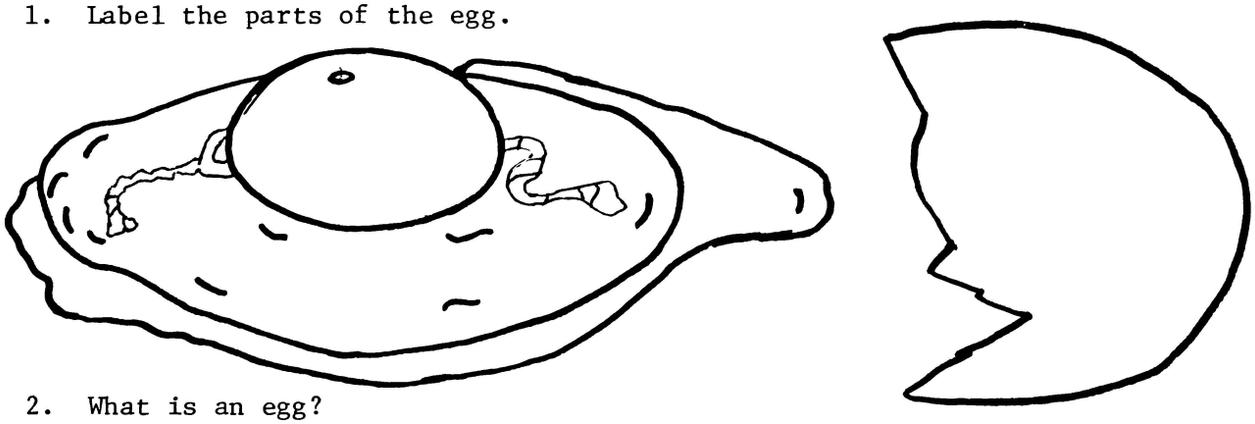
I. PARTS OF THE EGG:

1. Label the parts of the egg.



2. What is an egg?

3. What is the function of each part of the egg?

4. NUTRITIONALLY, why are the shell, yolk, and white important to the developing chick?

5. What is unique about the development of embryos inside eggs?

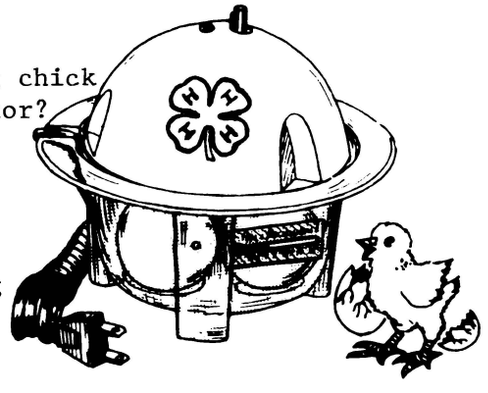
II. INCUBATOR AND ITS OPERATION:

1. What is the purpose of the incubator? How does it replace the mother hen?

2. What is the proper temperature for the incubator? _____
3. What happens if the temperature is too high or too low?

4. Why is it necessary to keep water in the incubator? What happens to the developing chick if you forget to keep water in the incubator?

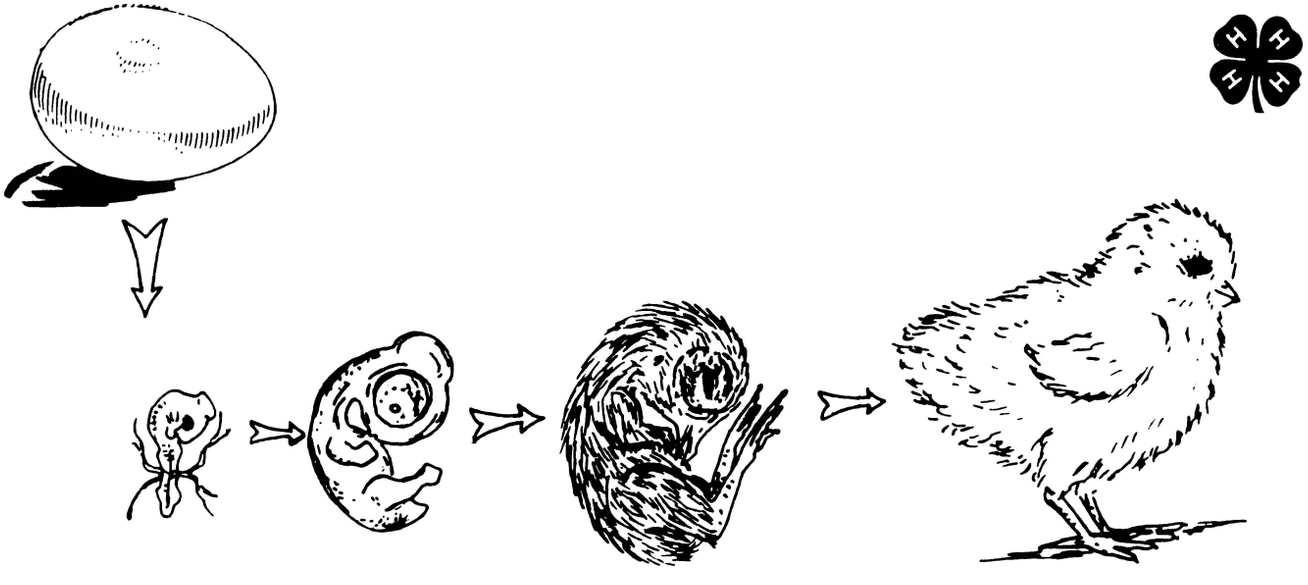
5. Why is it necessary to turn the eggs? At what day of incubation do you stop turning the egg?_____ Why?



III. DAILY THERMOMETER READINGS

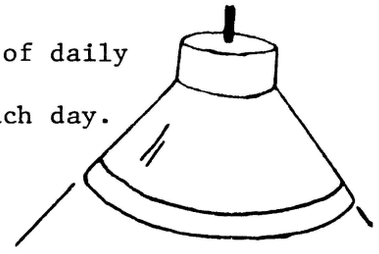
1. What are the units on the thermometer?
2. Is the thermometer Fahrenheit or Celsius?
3. Record or plot on a graph your daily temperature readings.

IV. IMPORTANT STATES OF DEVELOPMENT: Keep a record of the changes that occur in the embryo each day. If you can candle the eggs, how does the appearance inside the egg change each day?



V. BROODING OF CHICKS: 1. Three principles to follow in brooding chicks are that the chicks must be kept, a._____,b._____, c._____

2. What is to be your heat source for the brooder?
3. When you put the chicks in the brooder, what should the temperature be?
4. How do you know if the chicks are too hot?
5. How do you know if the chicks are too cold?
6. What are you feeding your chicks?
7. If you have scales in grams you can keep a record of daily weight gain.
8. Describe what changes you observe in the chicks each day.



VI. PROJECT REPORT

Write and attach a report on what you have done in your chick incubation project. You may want to include pictures or drawings to illustrate what you observed. Some of the things you may want to write about in your report are:

The kind of eggs you set (chicken, quail) and where you got your eggs;
Whether any embryos died during incubation, and what you think caused them to die;
Anything unusual that happened during the course of the project.