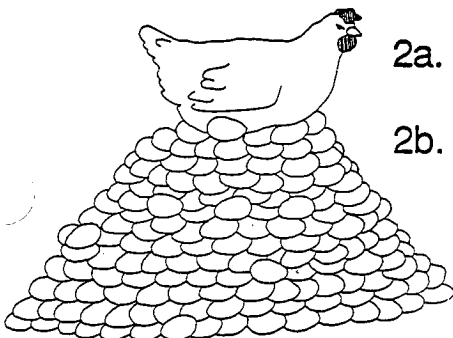# TEACHER MATERIALS - Egg Math

CONCEPTS: Mathematics   - counting
- number concepts
- standard units of measurement
- addition

Life Science   - 1A - 2.4, 2.5
Reading   - for content

OBJECTIVES: 1. At the end of this unit the students will understand that animals produce different numbers of offspring.

2. The students will develop correct vocabulary of animals and their offspring.

BACKGROUND: Hens lay eggs, one per day (or less) for several days, in groups called clutches. A hen will continue to lay eggs until a "clutch" is formed. Today, we remove the eggs so the hen will continue to produce and not eat her own eggs. Most eggs sold in grocery stores are not fertilized.   It is not necessary to have a rooster mate with the hen in order to have eggs produced. If chicks are the objective, the hen is bred (mated with a rooster) and fertile eggs are incubated. This increases the survival of chicks and the farmer has a large group of chicks - all the same age.

ACTIVITIES: 1. Have the students complete the worksheet "Chicks and Eggs" by reading the questions (or read it to them), count the number of chicks, draw the eggs and answer the question.
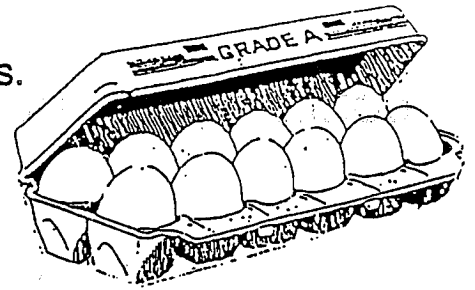
2a. Have the students complete "By the Dozen".

2b. Play the egg carton game:

1-34

1. Bring to class an egg carton number the inside of the cells.

2. Add two beans.

3. Close the lid and shake.

4. Where the beans land note the number of the cells, add the numbers together.

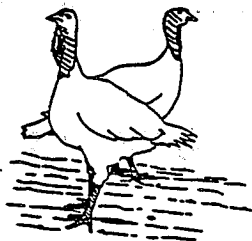**This activity was contributed by a piloting teacher.**

3. Have the students complete the "Tens and Ones" Worksheet

4. Have the students complete the "Egg Addition," worksheet.

5. Have the students complete the eggshell planter lesson on pages 1-57 through 1-64 in the Science section.

6. Have the students complete the other worksheets and activities on eggs pages 1-102 through 1-111 in the Science section and 1-136 through 1-146 in the Social Studies section.
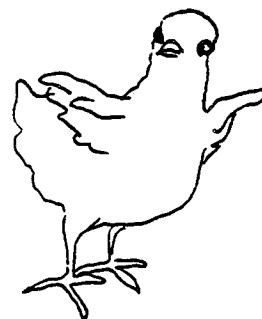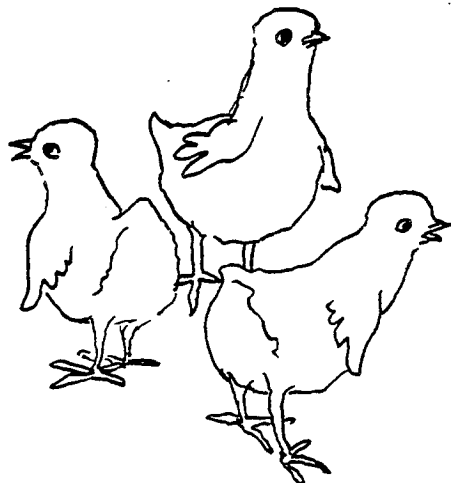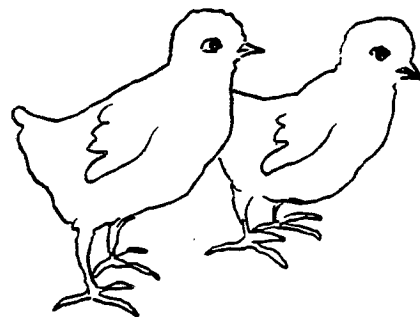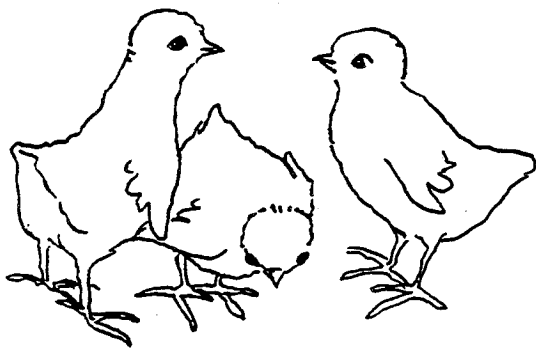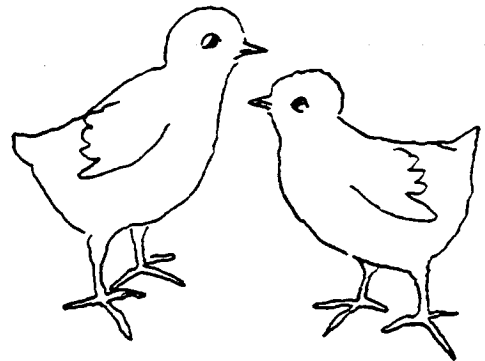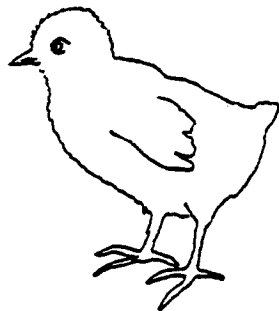
7. Have the students complete the poultry house activity on pages 32-33 in " Great Pumpkins".

Name -_____
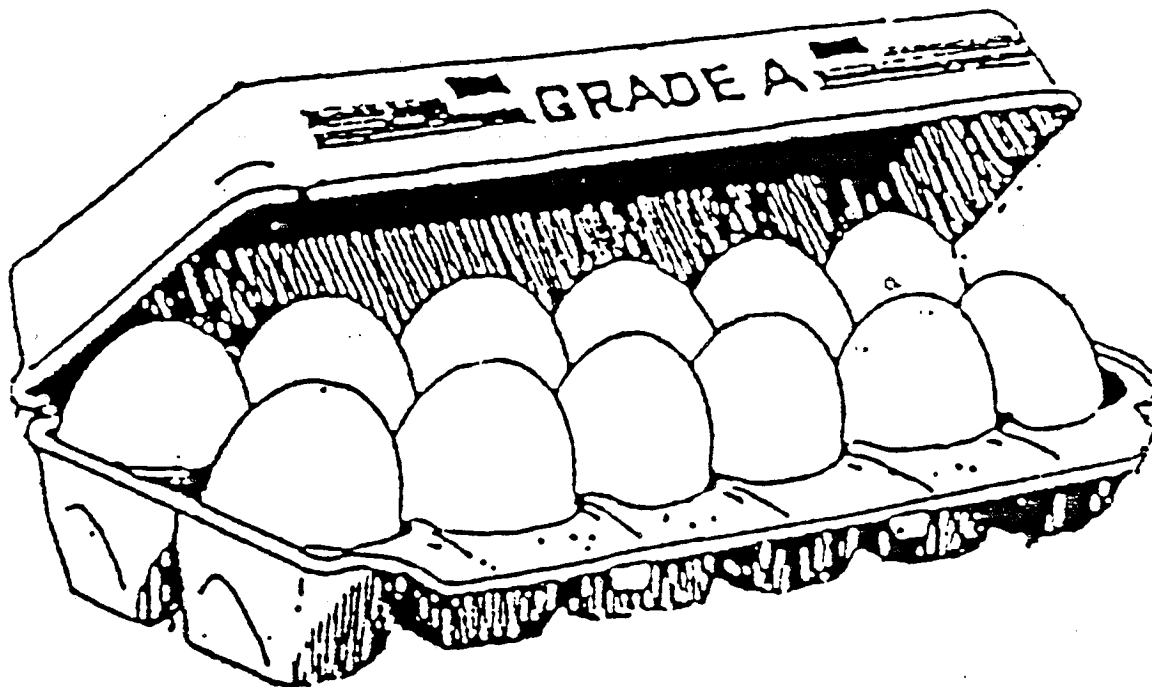
Chicks and Eggs

1. Each of these chicks comes from an egg a hen laid. Draw an egg for each chick.

2. How many eggs did you draw?_____

Name -_____

By the Dozen

1. Count and number these eggs.

2. How many eggs did you count?_____
    This is one dozen of eggs.

3. There are _____ eggs in one dozen.

4a. If you cut the dozen in half how many eggs would you
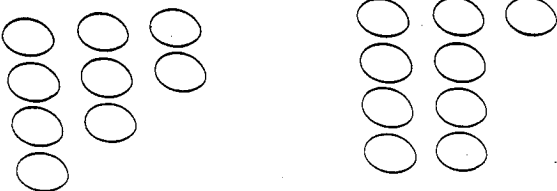   have in each half?

b. _____ + _____ = 12

Name -_____

Tens and Ones

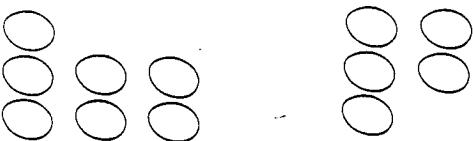Add up the eggs in the tens columns and the eggs in the ones columns to find out how many eggs you have.

<u>Tens</u>   <u>Ones</u>

1.   = _____ **eggs**

2.   = _____ **eggs**

3.   = _____ **eggs**

4.   = _____ **eggs**

5.   = _____ **eggs**

Name - _____

<u>Egg Addition</u>

1 +11	2 +10	9 +3	7 +5
5 +7	6 +6	4 +8	3 +9
11 +1	10 +2	8 +4	12 +0

1-39