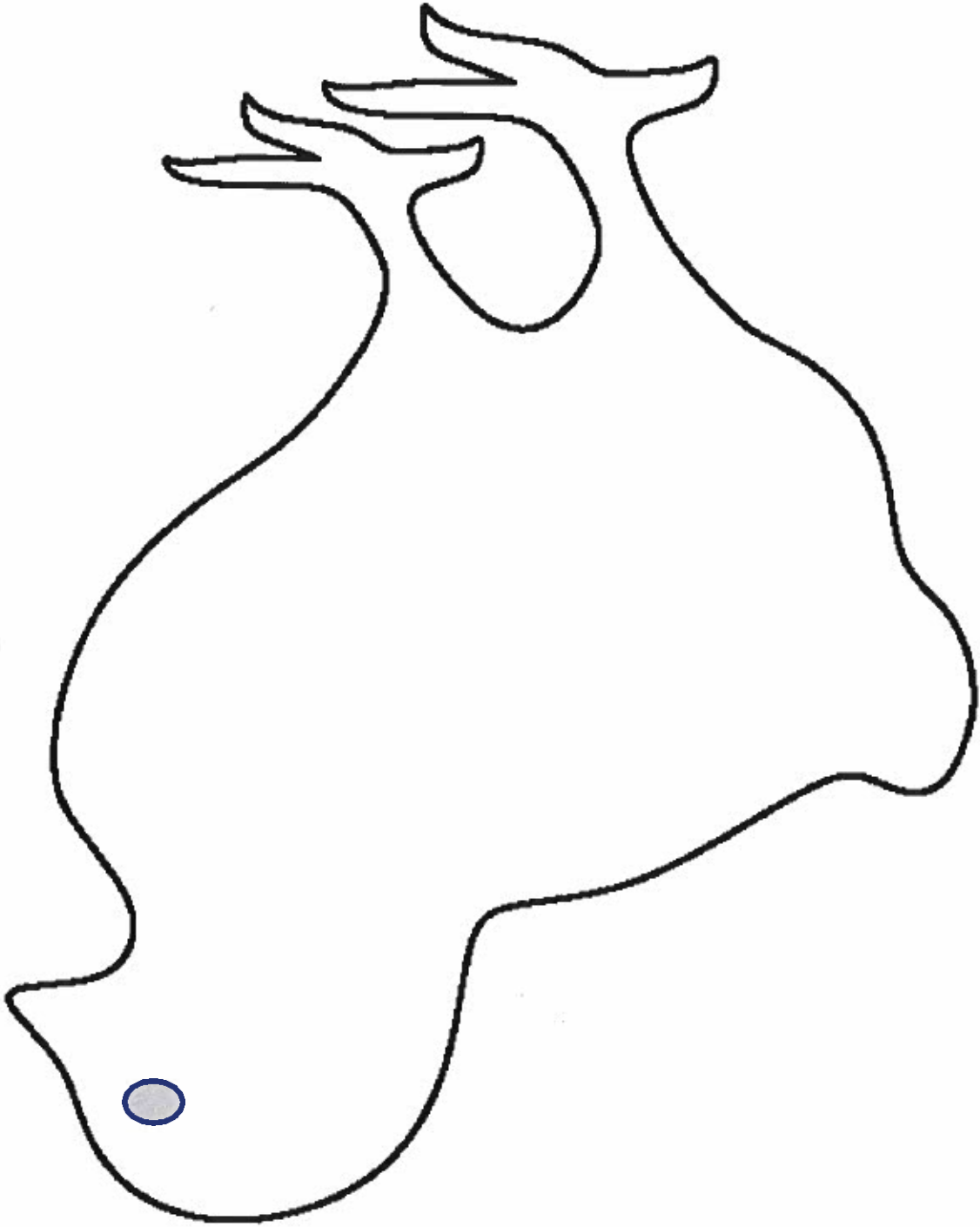
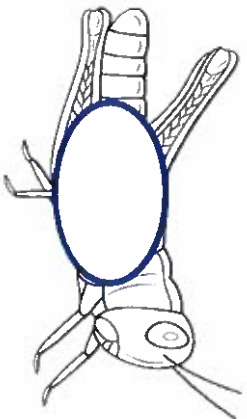
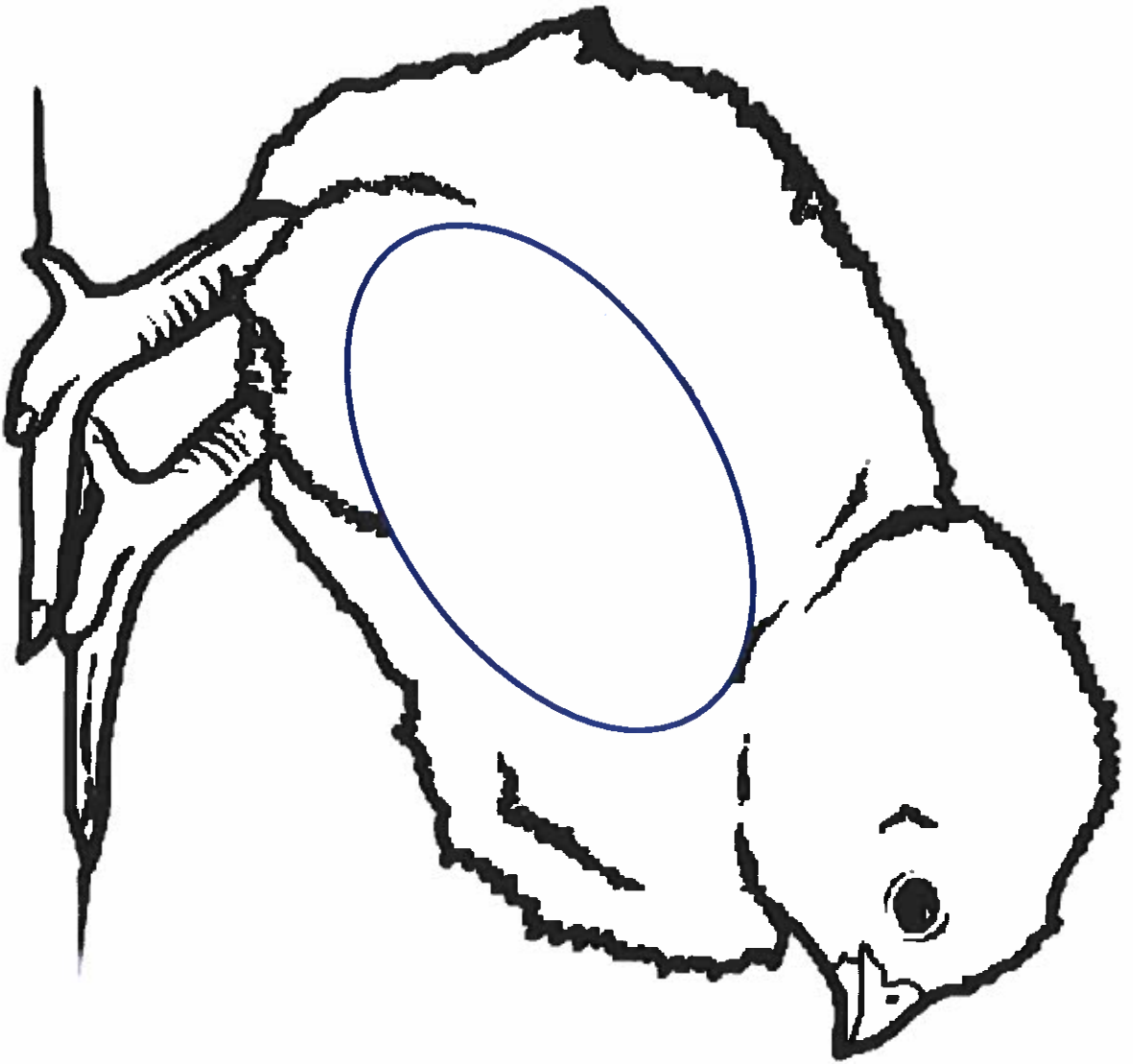




Camouflage this chick so it could hide on your school playground.





WHAT'S FOR DINNER?

1. Cut down the dotted line.
2. Cut out the clover.
3. Glue it inside the grasshopper's oval.
4. Cut out the (red) grasshopper.
5. Glue it inside the chick's oval.
6. Describe your food chain.

The Egg Game

START

Start with 24 eggs

Dropped 1 egg

Lose 1 egg

Didn't turn eggs - lose 1 egg

Add water

Turn eggs

105° F - lose 1 egg

Temperature

Dropped 3 eggs

Candled - 1 clear - lost 1 egg

No humidity - lose 2 eggs

Candle eggs - remove 3 duds

Eggs not turned - lose 3 eggs

Roll eggs from X to O



Lose 1 egg

Put crioline on wire rack

Add water

Lose 1 egg



- QUESTIONS TO ANSWER
1. What happens if you do not turn the eggs?
 2. What does a clear egg mean?
 3. What is the correct temperature for the incubator?
 4. How many times a day should the eggs be turned?
 5. How do you turn the eggs?
 6. How do you keep humidity in the incubator?
 7. Should eggs be rotated in the incubator?
 8. What is candling?
 9. When should you stop turning the eggs?

Day 21 - Hatch Day

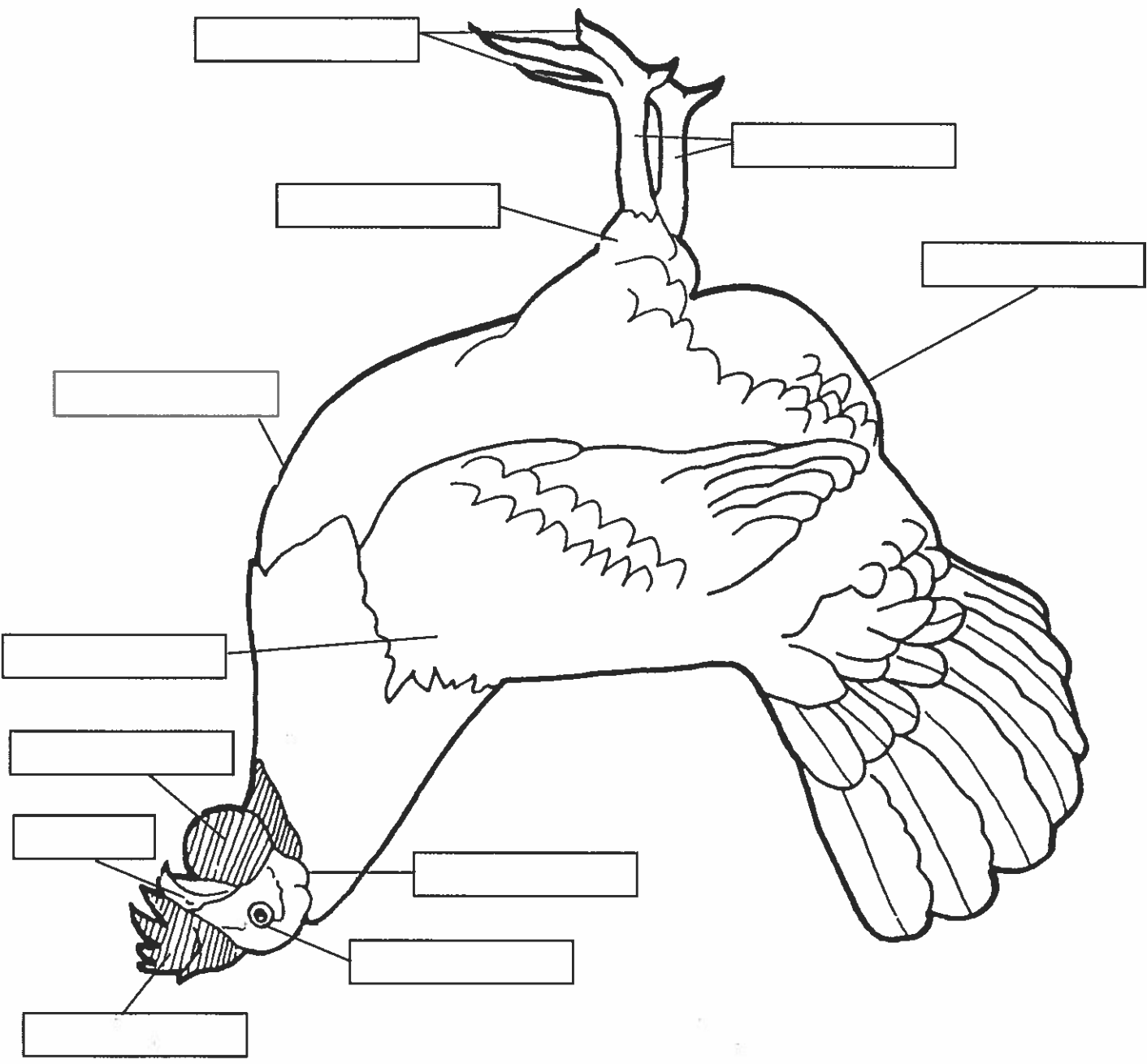
Move chicks to brooder box

WINNER!

Heads moves 2 spaces.
Tails moves 1 space.

Parts of a Chicken

Color and label the parts of a chicken.



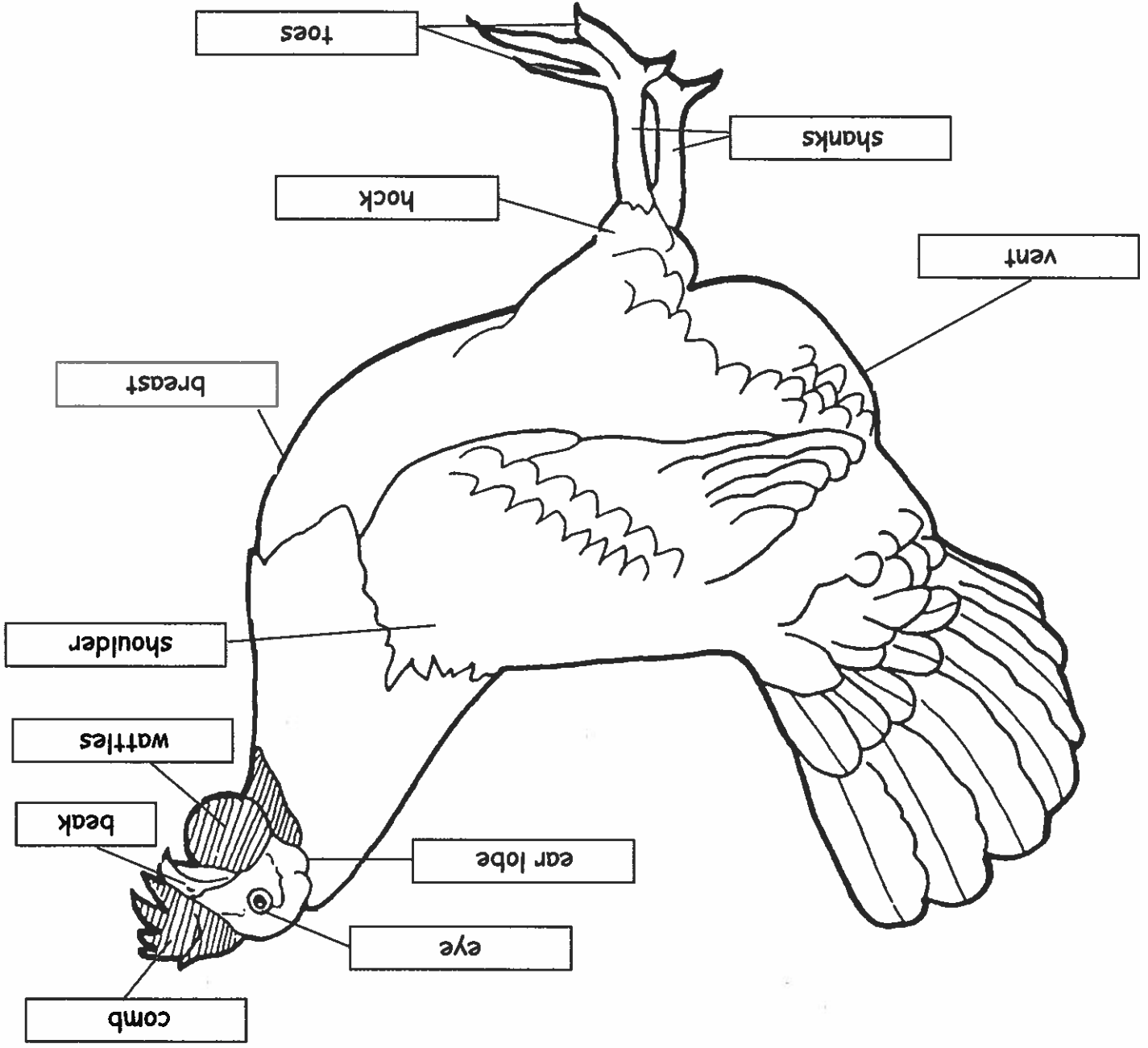
Use each word only once:

- beak
- eye
- toes
- breast
- hock
- vent
- comb
- shanks
- wattles
- ear lobe
- shoulder

Parts of a Chicken

KEY

Color and label the parts of a chicken.



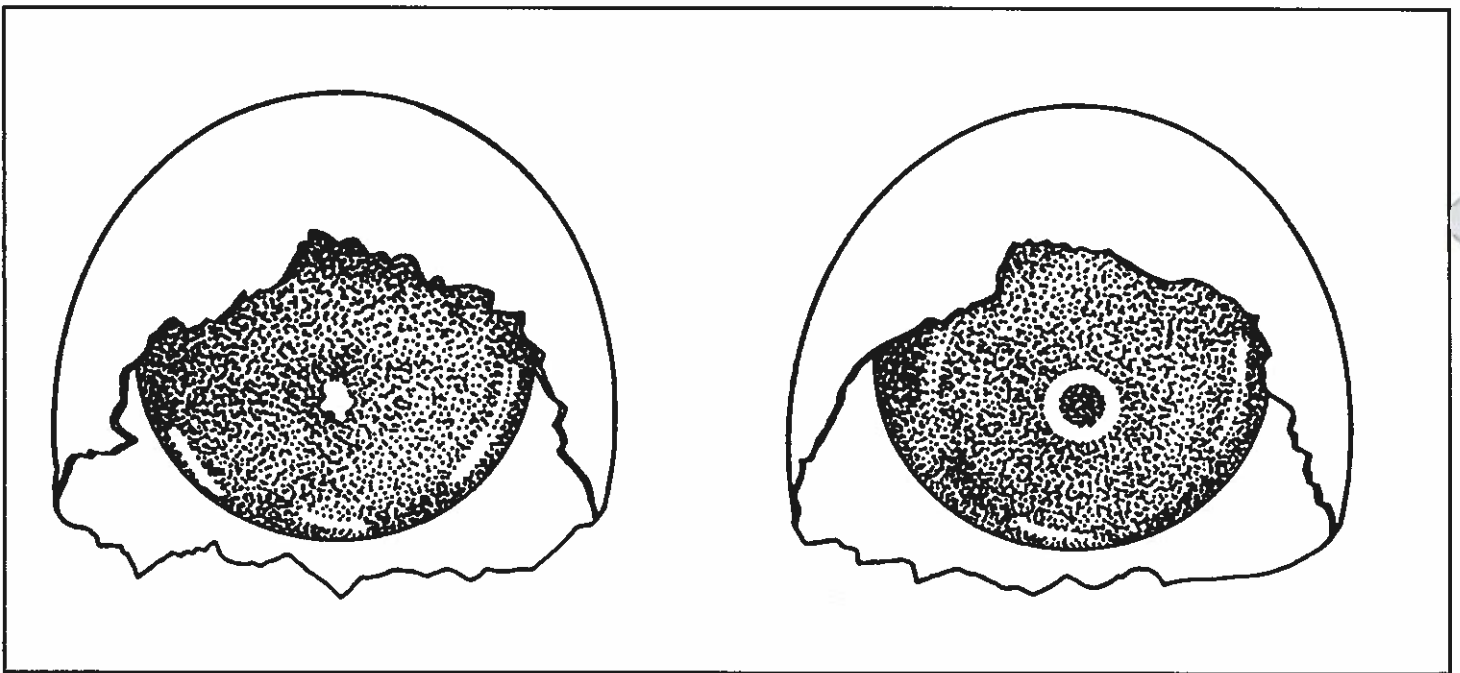
Use each word only once:

- beak
- eye
- toes
- breast
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- wattles
- ear lobe
- shoulder

Which Egg Is Fertile?

When fertile eggs are incubated by either a hen or in an incubator, they grow.
What is needed to make an egg fertile?

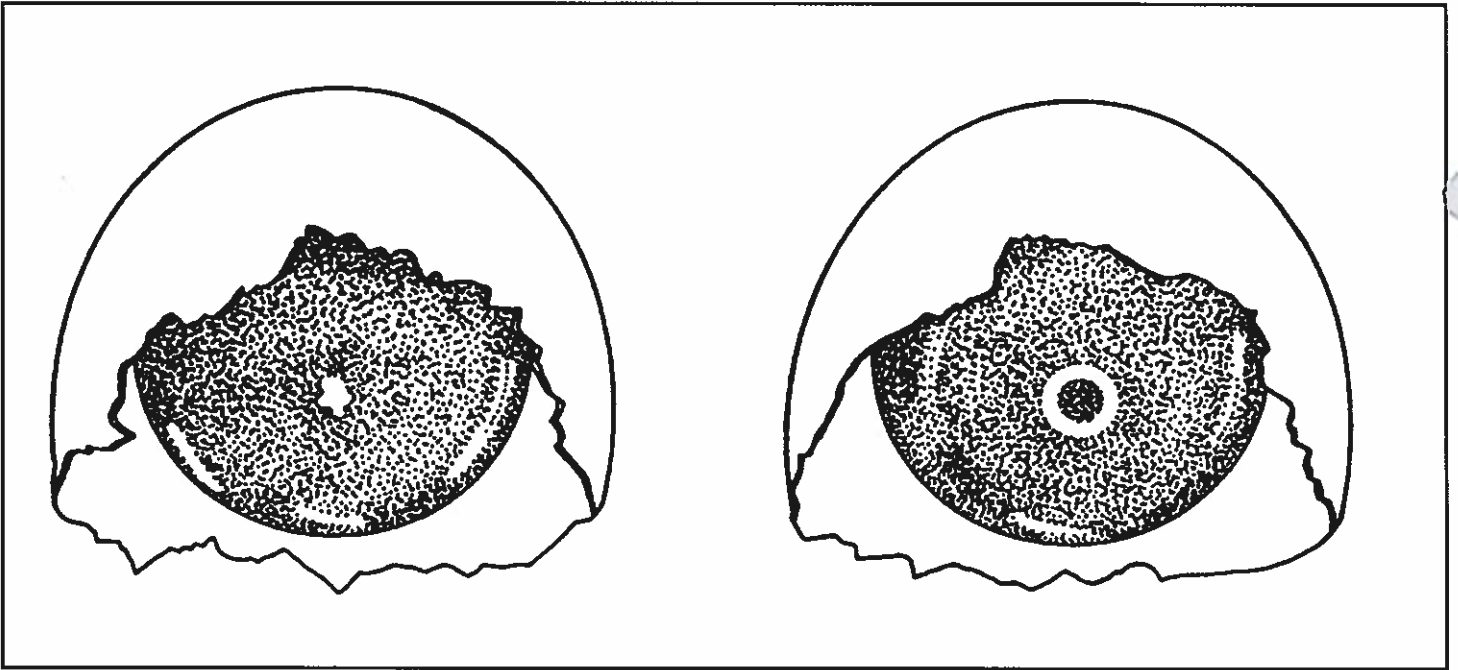
Look at the picture below and mark the fertile egg.



How do you know that the egg you have marked is fertile? Explain.

The egg on the left. The germinal disc is larger in the fertile egg as compared to the infertile egg. Cell division has occurred in the fertile egg. The fertile egg has an enlarged circle or donut. The germinal disc is small in the infertile egg.

How do you know that the egg you have marked is fertile? Explain.



Look at the picture below and mark the fertile egg.

When fertile eggs are incubated by either a hen or in an incubator, they grow. What is needed to make an egg fertile?

Which Egg Is Fertile?

KEY

Egg Sizing

Match the egg to its size.

Pee Wee

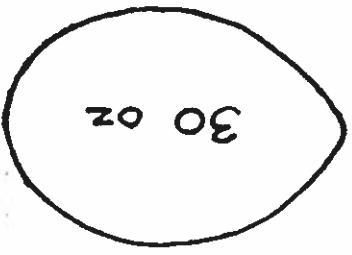
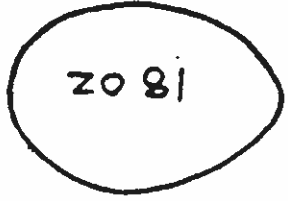
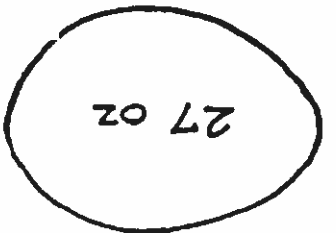
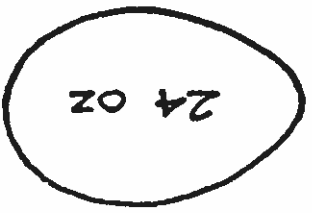
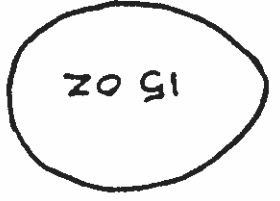
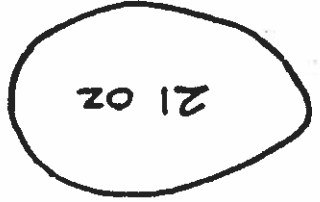
Medium

Small

Large

Extra Large

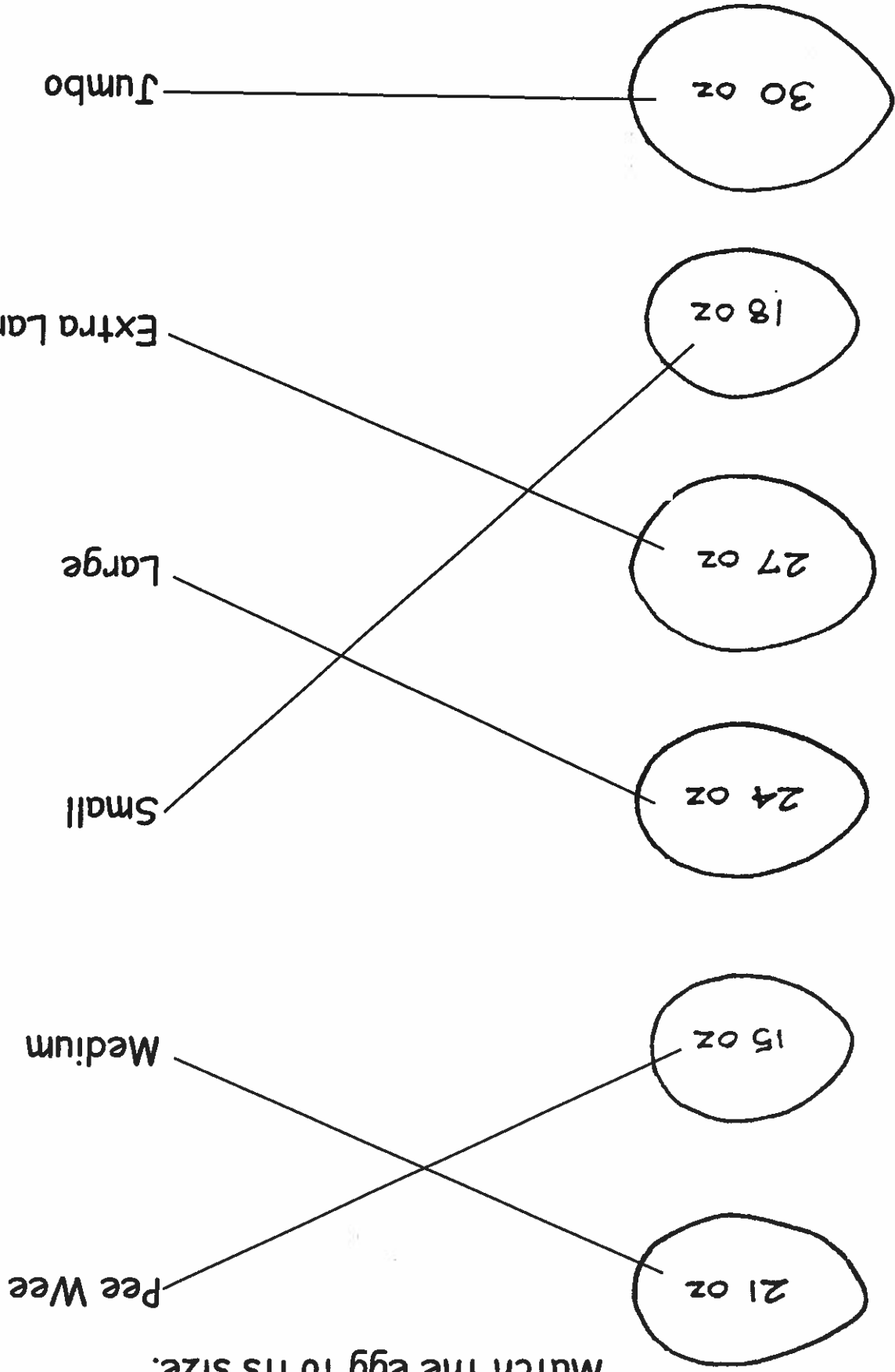
Jumbo



Egg Sizing

KEY

Match the egg to its size.



Egg Grading

Match the egg to its grade.

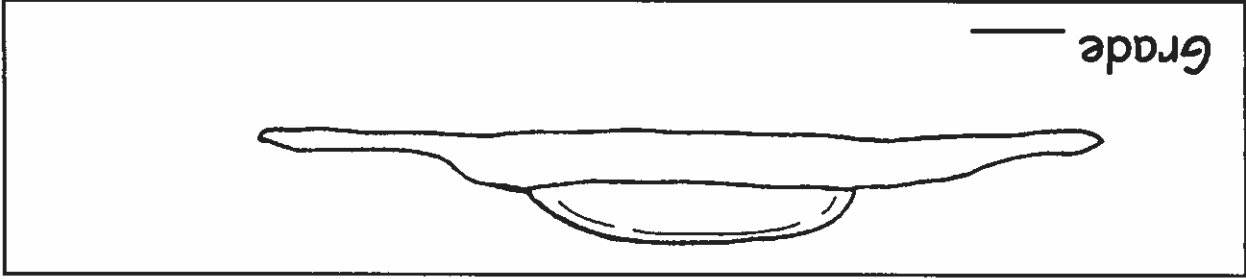
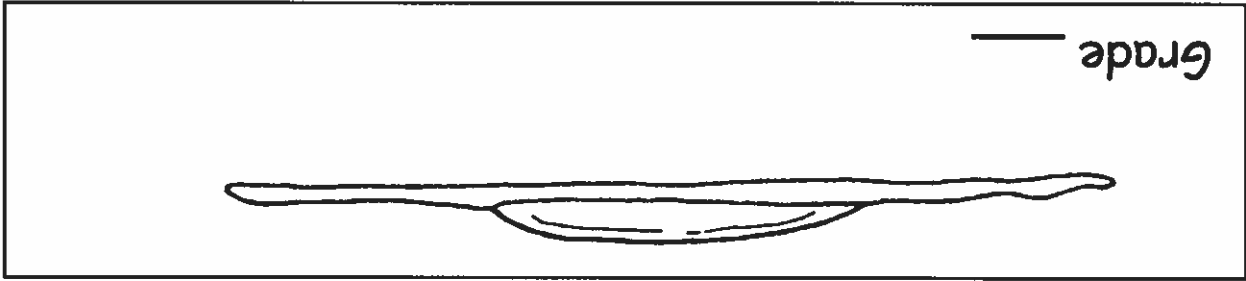
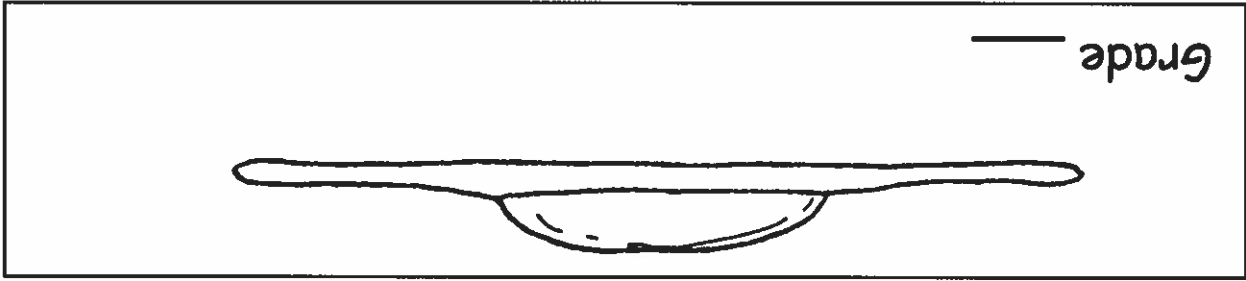
Eggs are graded for quality. Read the description of each grade of egg carefully and then grade each egg in the box with AA, A, or B.

A grade AA egg stands up tall. The yolk is firm and the area covered by white is small.

A grade A egg has a yolk that is round and tall. The white is a little flatter than a grade AA egg.

A grade B egg spreads out more. The yolk is flattened.

The grade of eggs can change if eggs are not stored correctly or if eggs are kept for a long time in the refrigerator.



Egg Grading

KEY

Match the egg to its grade.

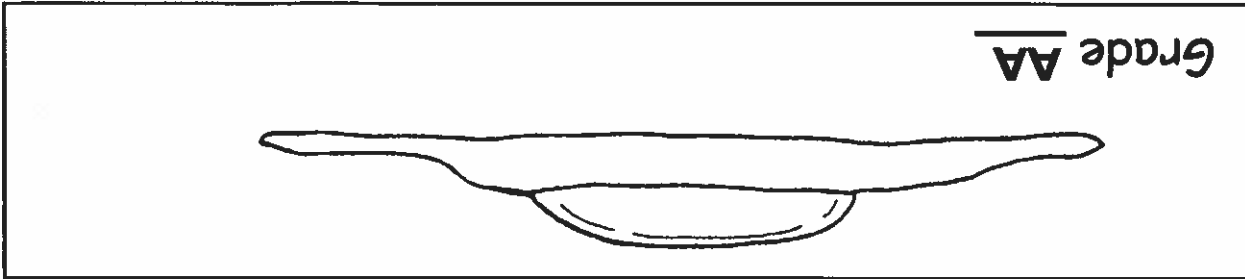
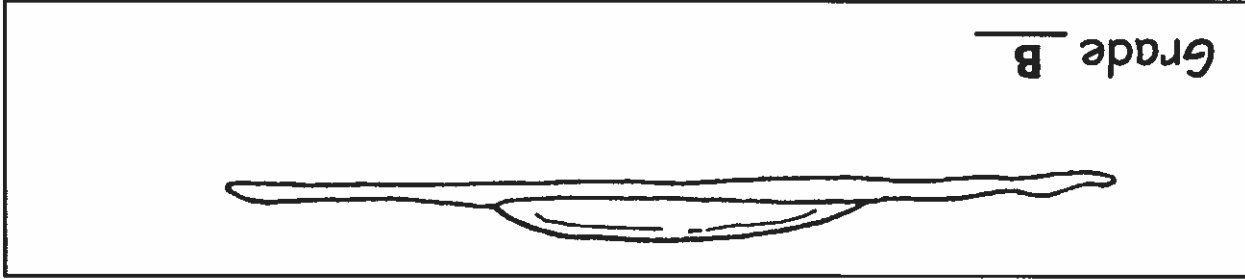
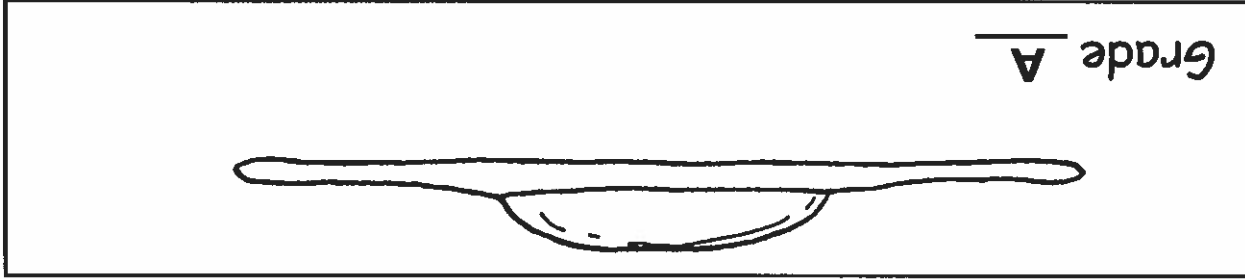
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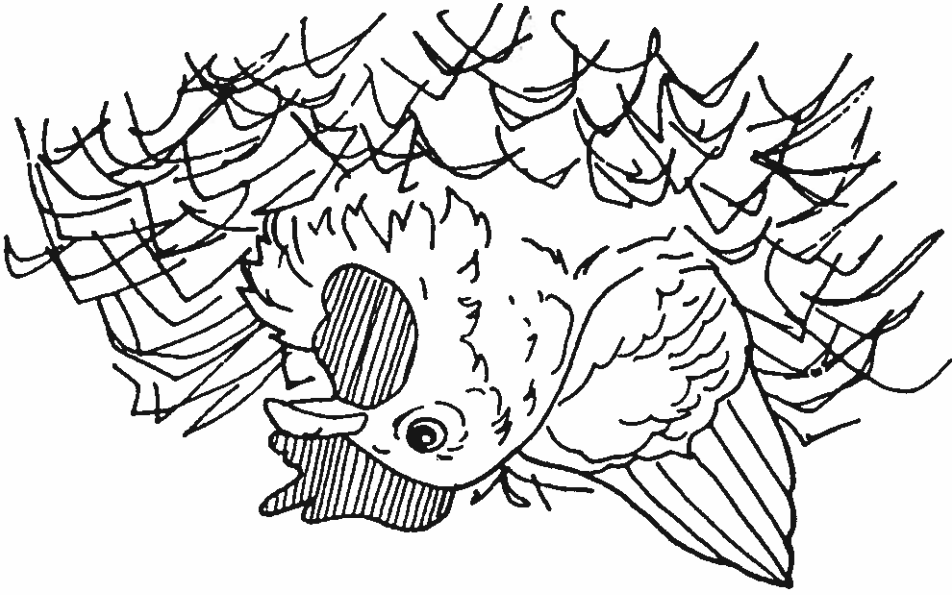
The grade of eggs can change if eggs are not stored correctly or if eggs are kept for a long time in the refrigerator.



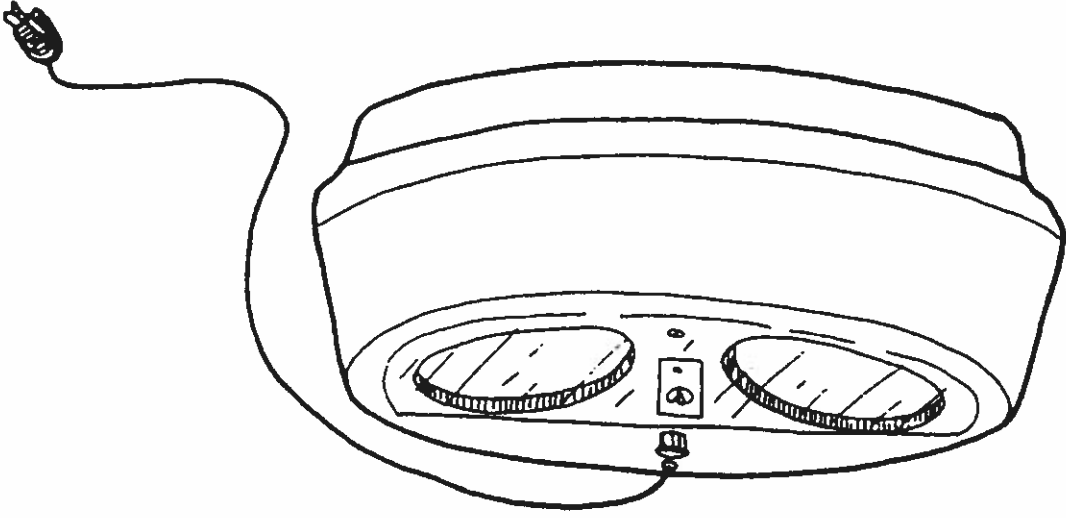
What Kind of Heat?

What kind of heat is keeping the eggs warm in the "incubators"?

1.



2.



What Kind of Heat?

KEY

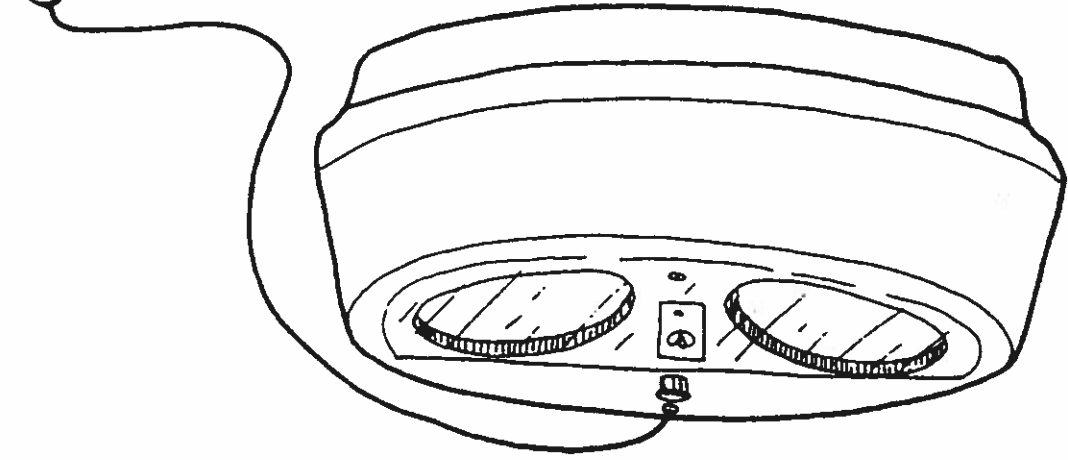
What kind of heat is keeping the eggs warm in the "incubators?"

1.



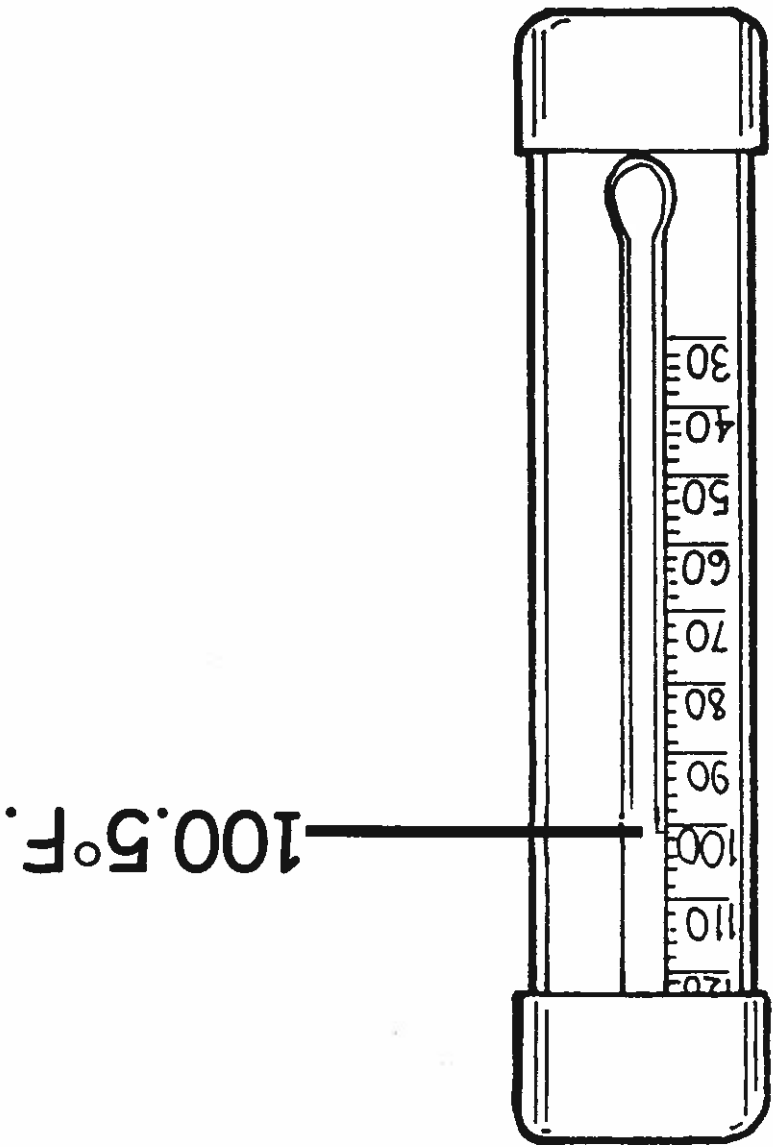
Natural heat - heat from the setting hen

2.



Artificial heat - heat from the heat coil in the incubator

The Thermometer

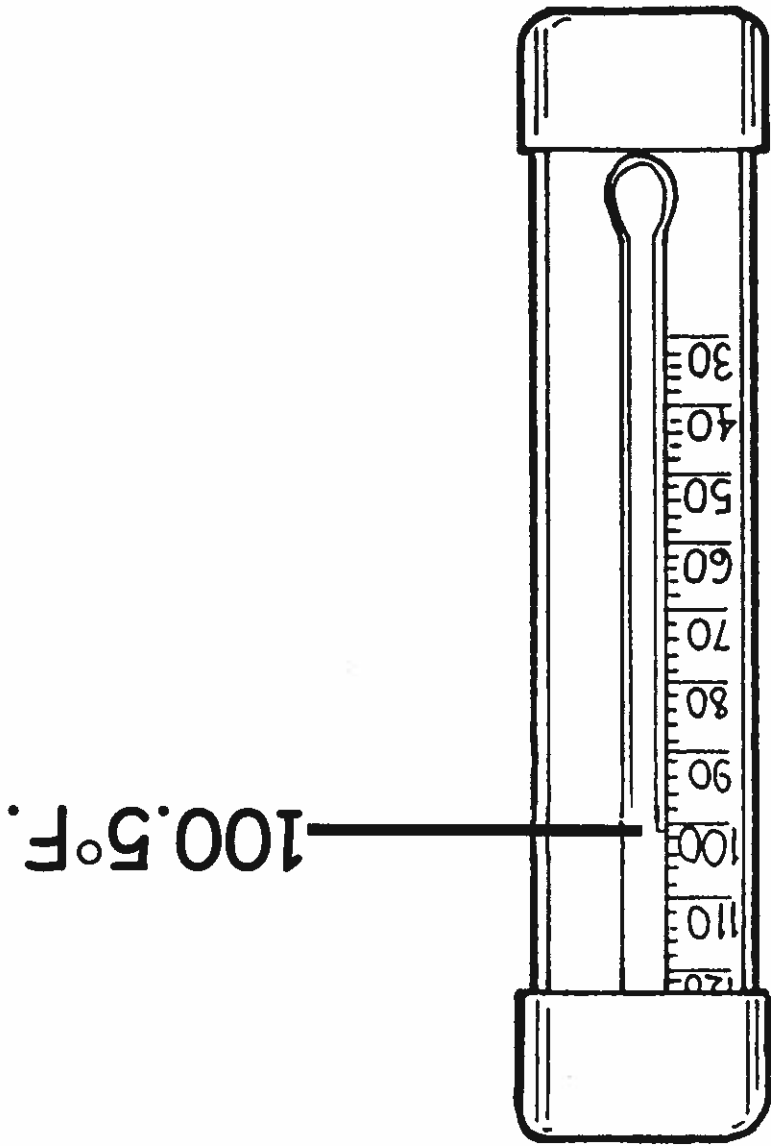


An instrument that measures temperature is a _____.

We tried to keep the temperature at _____. The temperature would _____ when the incubator was opened.

Color the mercury red.

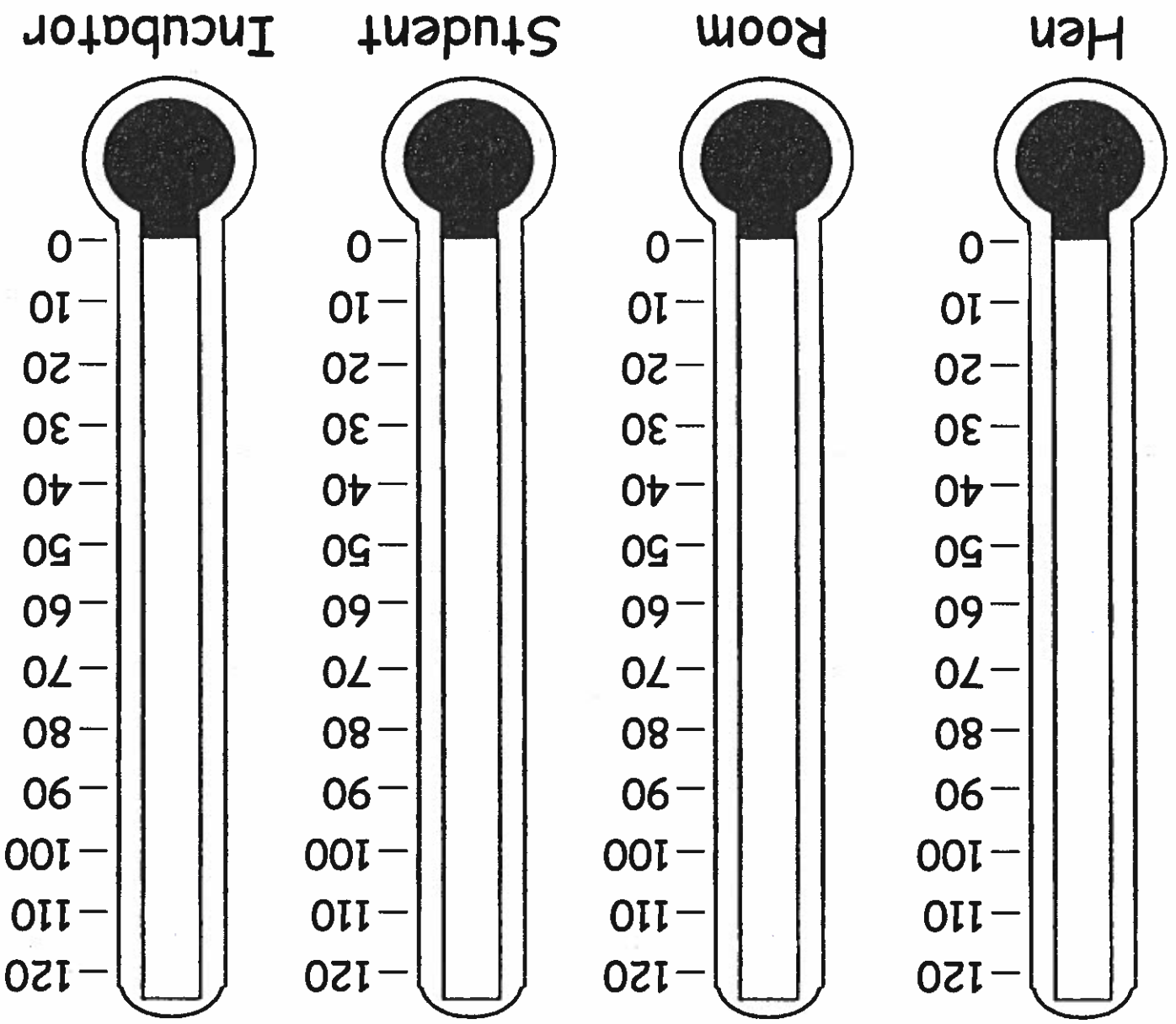
The Thermometer



An instrument that measures temperature is a thermometer.
We tried to keep the temperature at 100.5°F. The temperature would drop when the incubator was opened.

Color the mercury red.

Temperature Comparison Chart

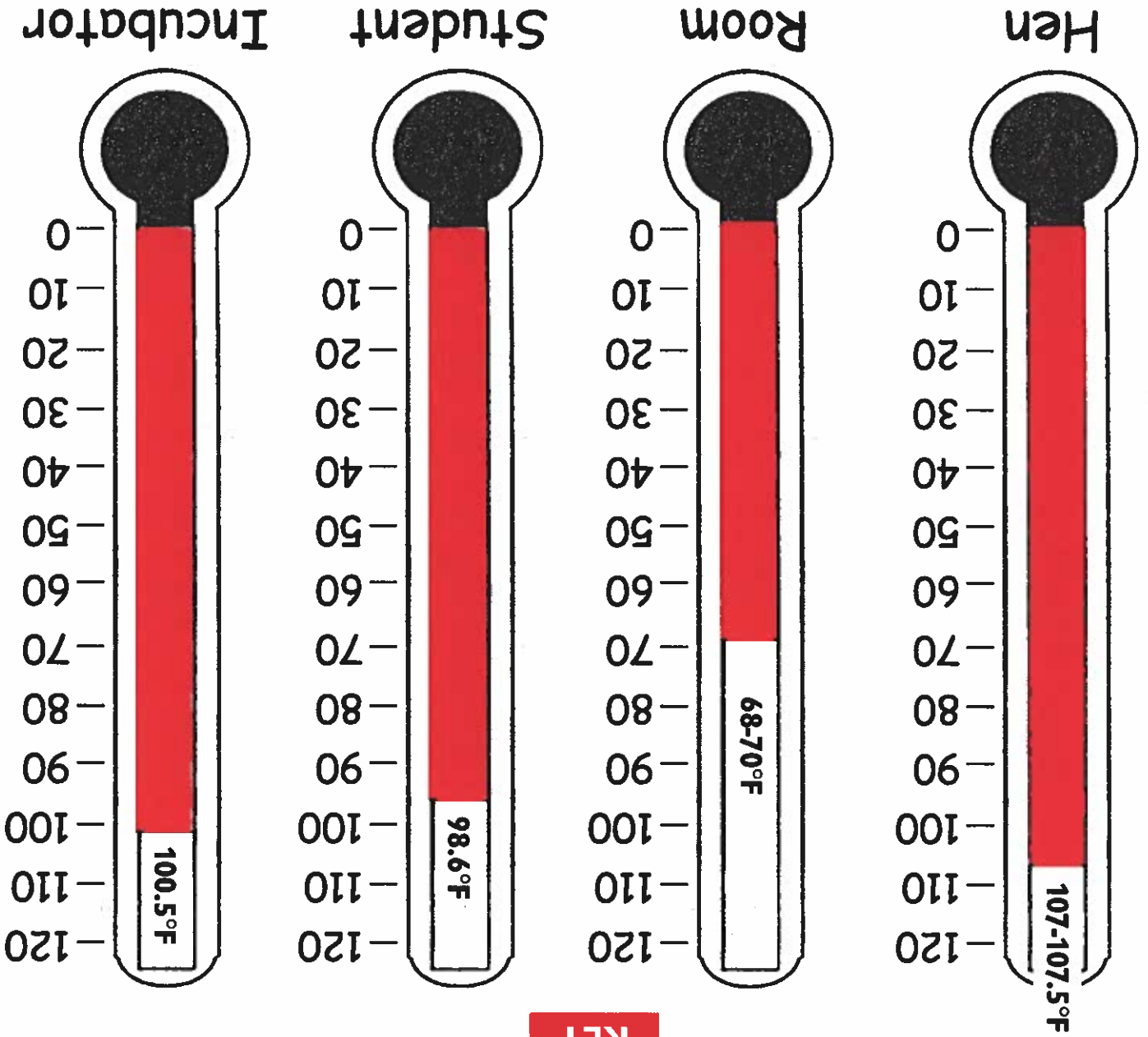


Use your red crayon, marker or pencil to show the normal temperature of a healthy hen or student, the temperature in your classroom, and the correct temperature for the incubator.

- Who or what has the **highest** temperature?
- Who or what has the **lowest** temperature?

Temperature Comparison Chart

KEY



Use your red crayon, marker or pencil to show the normal temperature of a healthy hen or student, the temperature in your classroom, and the correct temperature for the incubator.

- Who or what has the **highest** temperature? **Hen**
- Who or what has the **lowest** temperature? **Room**

Needs Comparison Chart

Needs	Baby	Chick
Food		
Water		
Protection		
Warmth		
Cleanliness		
Safety and Air		
Other		

Who provides for the needs that you have checked for the baby? Who provides the needs for the chick? Why are the needs important? How can you provide for the needs of either a baby or a chick?

Needs Comparison Chart

KEY

Needs	Baby	Chick
Food	X	X
Water	X	X
Protection	X	X
Warmth	X	X
Cleanliness	X	X
Safety and Air	X	X
Other	X	X

Babies and chicks have the same needs. The parent or care giver is responsible for the baby's care. The mother hen or the chick caregiver is responsible for the chick's care.

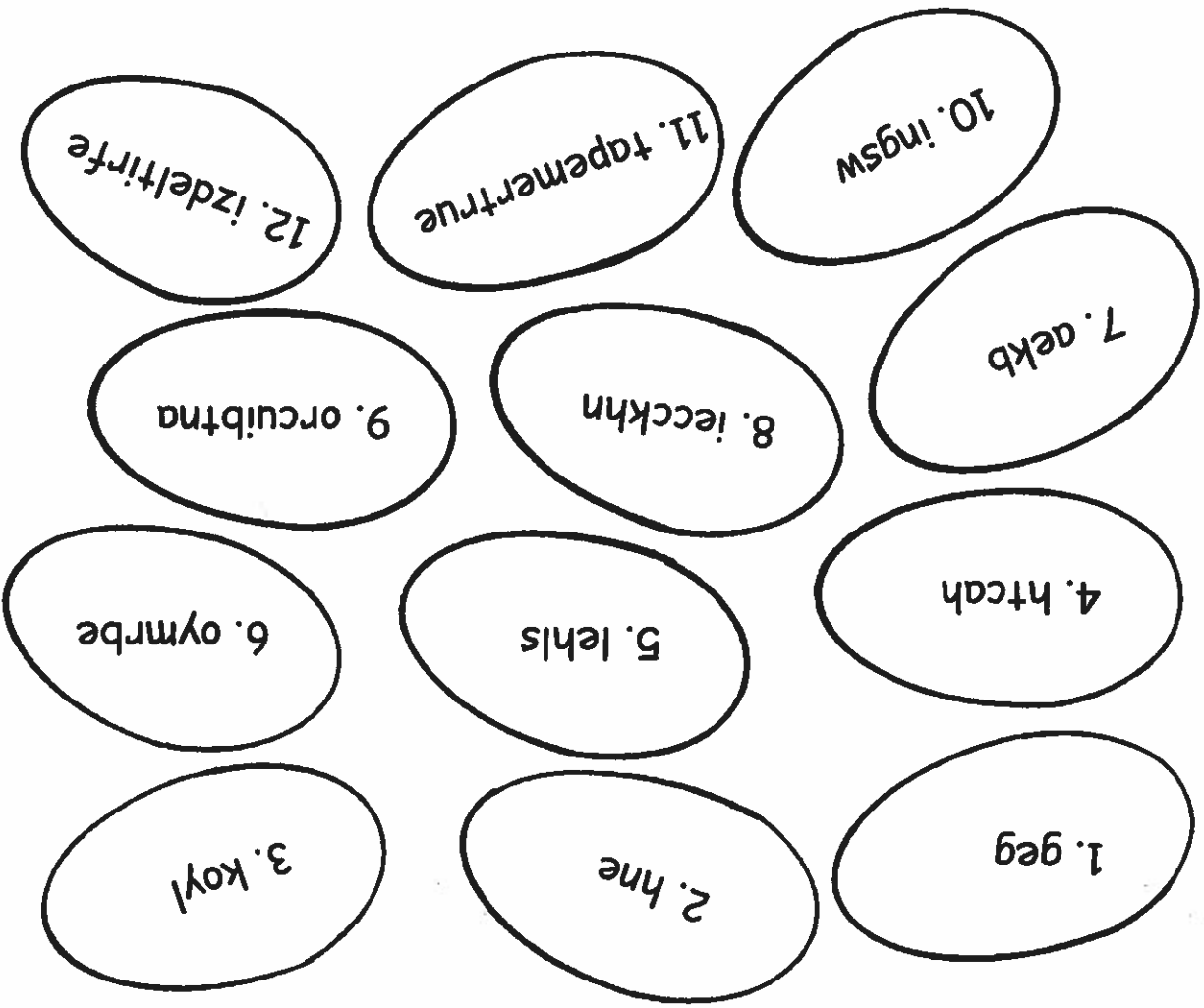
Unscramble the Scrambled Eggs

1. geg
2. hne
3. koyl
4. htcah
5. lehls
6. oymrbe
7. aekb
8. iecckhn
9. orcuibtna
10. ingsw
11. tapemertrve
12. izdeltirfe

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____
11.	_____
12.	_____

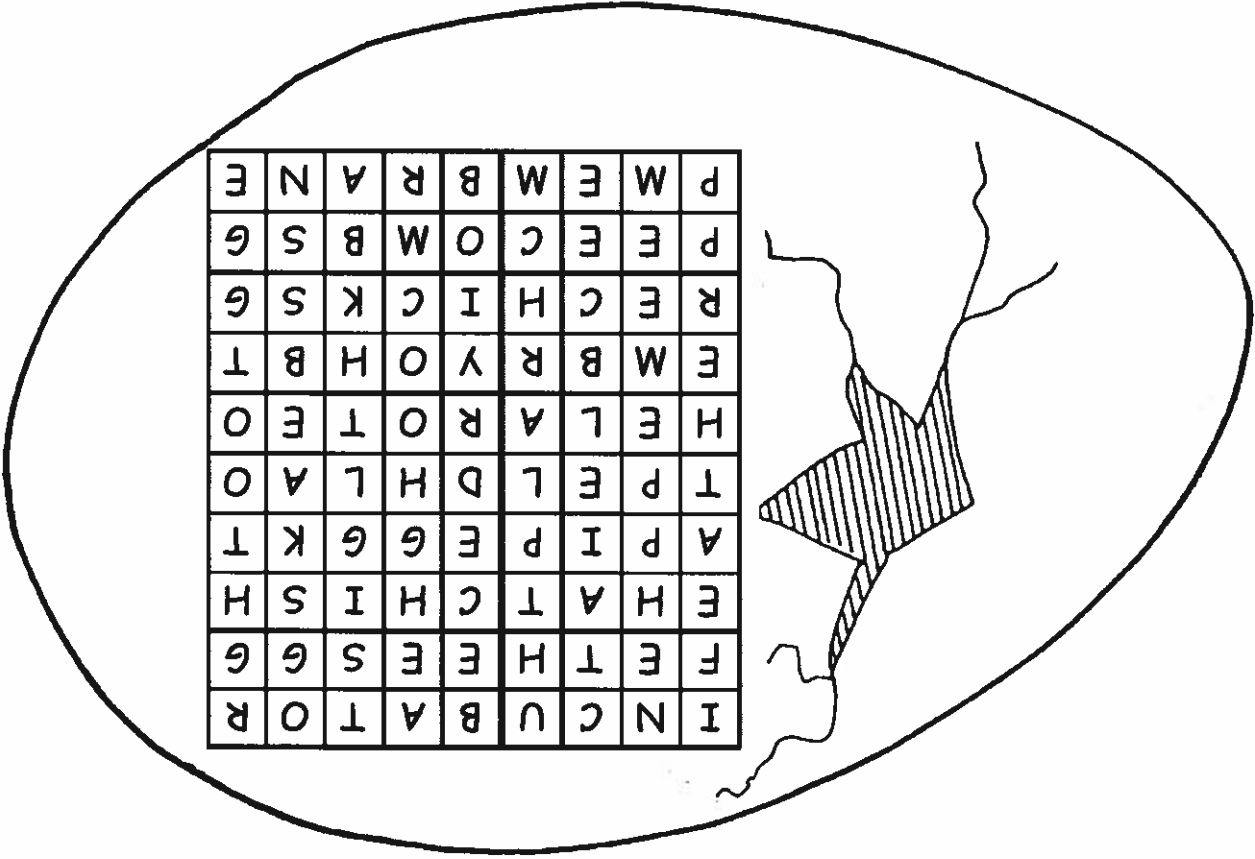
Unscramble the Scrambled Eggs

KEY



1. egg
2. hen
3. yolk
4. hatch
5. shell
6. embryo
7. beak
8. chicken
9. incubator
10. wings
11. temperature
12. fertilized

Hidden Words



Circle the hidden words on the list. The words can be hidden up, down or diagonally. When you have finished, use the left over letters to find a message. What is the message?

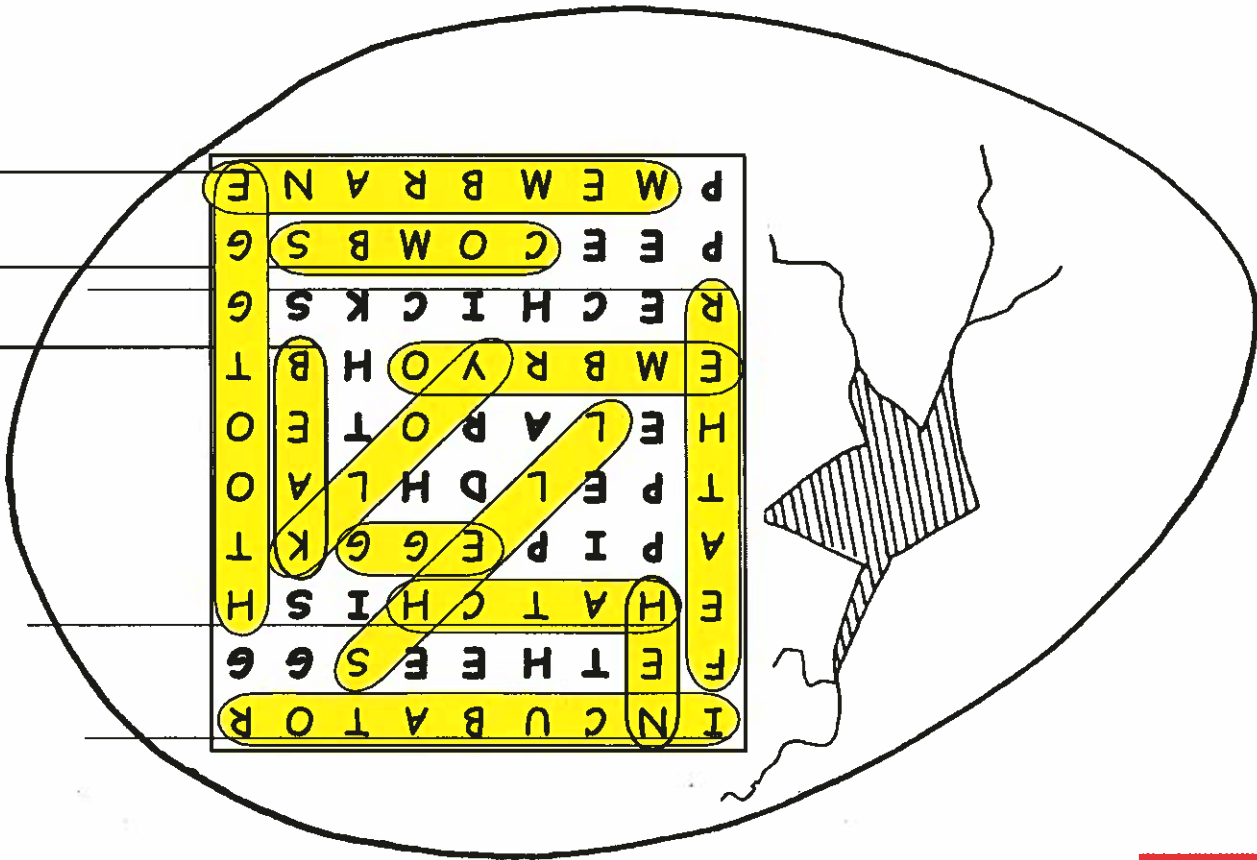
The message is _____

- Words to find
- egg
 - embryo
 - membrane
 - incubator
 - hatch
 - feather
 - shell
 - yolk
 - egg tooth
 - hen
 - beak
 - combs

incubator	yolk	combs
membrane	shell	beak
embryo	feather	hen
egg	hatch	egg tooth
Words to find		

The message is **THE EGG IS PIPPED HEAR THE CHICKS PEEP**

Circle the hidden words on the list. The words can be hidden up, down or diagonally. When you have finished, use the left over letters to find a message. What is the message?



KEY

Hidden Words

Science Vocabulary

Put these words in alphabetical order.

- hatch
- peeps
- heart
- egg
- beak
- yolk
- white
- shell
- chicken
- egg tooth
- rooster
- hen
- chick
- embryo
- sac
- wings
- temperature
- membrane
- blood vessels
- incubator
- fertilized
- development
- thermometer
- feathers

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____
8.	_____
9.	_____
10.	_____
11.	_____
12.	_____
13.	_____
14.	_____
15.	_____
16.	_____
17.	_____
18.	_____
19.	_____
20.	_____
21.	_____
22.	_____
23.	_____
24.	_____

Choose 12 vocabulary words. Use each word in a complete sentence.

Science Vocabulary

Put these words in alphabetical order.

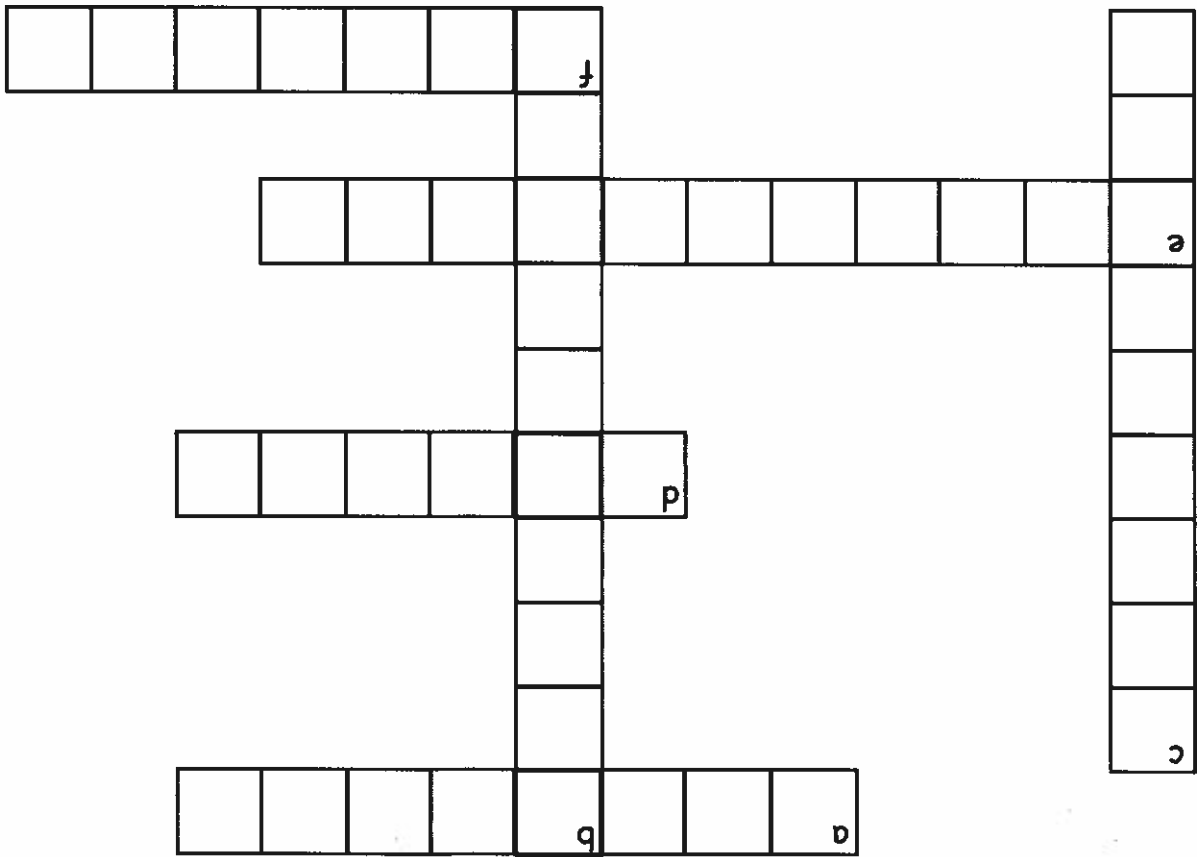
hatch	chicken	temperature
peeps	egg tooth	membrane
heart	rooster	blood vessels
egg	hen	incubator
beak	chick	fertilized
yolk	embryo	development
white	sac	thermometer
shell	wings	feathers

- | | |
|------------------|------------------|
| 1. beak | 12. heart |
| 2. blood vessels | 11. hatch |
| 3. chick | 10. fertilized |
| 4. chicken | 9. feathers |
| 5. development | 8. embryo |
| 6. egg | 7. egg tooth |
| 13. hen | 6. egg |
| 14. incubator | 5. development |
| 15. membrane | 4. chicken |
| 16. peeps | 3. chick |
| 17. rooster | 2. blood vessels |
| 18. sac | 1. beak |
| 19. shell | 12. heart |
| 20. temperature | 11. hatch |
| 21. thermometer | 10. fertilized |
| 22. white | 9. feathers |
| 23. wings | 8. embryo |
| 24. yolk | 7. egg tooth |

Choose 12 vocabulary words. Use each word in a complete sentence.

Crossword Puzzle

- a. (across) What heats the incubator? (two words)
- b. (down) What controls the light bulb and the heat in the incubator?
- c. (down) What do you use to incubate eggs?
- d. (across) What do you call an unborn chick?
- e. (across) What does a thermometer measure?
- f. (across) What job must be done with the eggs three or more times a day?



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