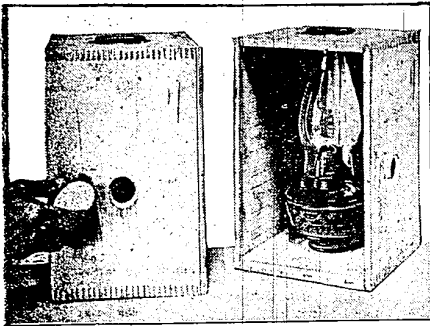


A Bird in the Hand

(Special Information Service, United States Department of Agriculture.)

A HOMEMADE EGG TESTER



Left: Exterior of Box—Egg Held Over Box With Large End Up. Right: Interior of Box—Have Flame Directly Opposite Hole in Box.

CANDLE EGGS TO TELL CONDITION

Appearance of Egg Shell Not Reliable Indication of Quality of Contents.

EQUIPMENT IS EASILY MADE

Delivery Hand Lamp, Lantern, Incandescent Bulb or Flashlight May Be Used—Necessary That Work Be Done in Dark Room.

The poultry raiser with a small flock as well as the commercial raiser needs to make sure that the eggs used at home or marketed are in best condition. Candles will show that. It is reliable and can be done easily. Equipment can be improvised at home.

The shell of the new laid egg has a "bloom" which is a valuable sign of perfect freshness. This bloom is destroyed by touch, and in any case disappears after a few days' exposure to the air. After that the appearance of the shell is not a reliable indication of the condition of the contents. By holding an egg between the eye and a strong light in such a manner that the rays of light come to the eye through the egg the condition of the contents can be seen. This method of examining the eggs is called "candling."

Work in Dark Room.

Candling eggs is done in a dark room where a light incident in a case shining opposite the light hole of apparatus size and shape at which the egg is held for examination. An ordinary hand lamp, a lantern, an incandescent bulb, or a flashlight may be used. Any box large enough to hold the lamp, set on end, can be used for a case. Besides the hole in the side opposite the light source, there should be a hole in the top and a hole in the bottom of the box. A tester chimney such as is used on a lamp for testing eggs in the incubator may be used for candling. Have the light on a table or stand so it may be convenient. Place the egg to be candled at one side; at the other have separate receptacles for good and bad eggs. Pick up the egg and hold, large end up, close to the light.

Appearance of Eggs in Candling.
A perfectly good, fresh egg shows "clear" and "clean" before the light; there is almost no air cell at the large end and the yolk outline is only faintly discernible.

A fresh air cell of 1/4 to 1/8 inch in depth indicates a fresh egg as eggs run in general receipts. A larger air cell with a more lower line indicates, according to size and fluctuation, a stale egg, or one becoming weak and watery.

Spots Are Blood Clots.

Very small spots in an egg are usually blood clots. Large spots, rings, and shadows are due to heat and germination, and indicate decomposition in the first stages. An egg that is opaque except for a large fixed air cell contains a chick dead at an advanced stage of incubation. An opaque egg with large air cell having a mobile lower line is in an advanced stage of decomposition. Eggs showing signs of spots or rings can often be utilized by breaking them and separating the contents.

FOLLOW NATURE'S PLAN

To obtain eggs it is necessary to have healthy, vigorous stock properly fed.

Nature provides—	Scientific Classification	Poultry feed—
Worms and bugs—	Nitrogenous material or protein	Eggs, meat (green cut bone or beef scrap), Oats, corn, barley, etc.
Seeds	Non-nitrogenous	Letting, fabab, etc.
Grains	Succulents	Mineral matter
Grass		Water
Grain		
Water		

SUNDAY SCHOOL LESSON

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LESSON FOR JULY 14

READING GOD'S WORD.

LESSON TEXT—Psalms 137-141; Acts 18:28.
GOLDEN TEXT—Ye shall know the truth, and the truth shall make you free.—John 8:32.
ADDITIONAL MATERIAL FOR TEACHERS—Psalms 137:1, 138:1-3; Proverbs 18:13; Isaiah 65:11; John 8:32-46-47; Romans 13:4.
DEVOTIONAL READING—Psalms 139:1-13, 14:1-5.

1. Characteristics of God's Word (Ps. 137:1).
The Psalmist here sets forth six descriptive titles of God's Word, six outstanding qualities, and six resultant effects.

FIRST GROUP—

Title: "The Law of the Lord" (v. 7).

By this is meant the fundamental principles which God as a moral being reveals to the consciences of men as "binding upon the soul."

2. Quality: "Perfect" (v. 7).

It is free from omissions and redundancies. It is perfect as a moral code, and it perfectly accomplishes man's salvation.

3. Effect: "Converting the Soul" (v. 7).

The practical effect of the law of God is to turn men to God himself, righteousness and holiness.

SECOND GROUP—

Title: "The Testimony of the Lord" (v. 7).

It is the witness which God bears as to his attributes, and against man's sin.

2. Quality: "Sure" (v. 7).

It is plain and infallible. We can repose in it our interests for time and eternity.

3. Effect: "Making Wise the Simple" (v. 7).

The simple are those who have humble, open and teachable minds.

THIRD GROUP—

Title: "The Statutes of the Lord" (v. 8).

These are the principles or charges which the Lord gives to us all, to us to rightly perform the duties which the religious life make obligatory upon us.

2. Quality: "Right" (v. 8).

They are from the righteous God and are absolutely just and equitable.

3. Effect: "Rejoicing the Heart" (v. 8).

The true heart rejoices in justice and equity.

FOURTH GROUP—

Title: "The Commandment of the Lord" (v. 8).

This brings into view the personal God who stands back of his law to enforce its demands and to require obedience to its precepts.

2. Quality: "Pure" (v. 8).

It is free from deceit and error.

3. Effect: "Enlightening the Eyes" (v. 8).

The effect of God's law is to give man ability, not only to understand his love and salvation, but to be wise as to the things about him.

FIFTH GROUP—

Title: "The Fear of the Lord" (v. 9).

Reading the Word of God produces reverential fear in the heart of the reader.

2. Quality: "Clean" (v. 9).

It is not only clean in itself, but sanctifies the heart of those who receive it.

3. Effect: "Enduring Forever" (v. 9).

The sacred relationship founded upon his law abides forever.

SIXTH GROUP—

Title: "The Judgments of the Lord" (v. 9).

By this is meant the sentences pronounced by God's Word.

2. Quality: "True and Righteous" (v. 9).

The penalties prescribed by God are true, and conformable to the intuitive moral sense of man.

3. Effect: "Serve as Warnings and Bring Reward" (v. 11).

If the warnings be heeded, shipwreck upon life's sea will be prevented. Besides God pays a wage for obedience to his laws. Godliness is profitable unto all, having the promise of the life that now is, and that which is to come.

11. A Notable Example of Bible Study (Acts 8:26-30).

1. Who He Was (v. 27).

The Ethiopian eunuch, a man of great authority. He was the secretary of the treasury of the Ethiopian queen. The wisest and best men and women of the earth have been reverent students of the Bible and have testified to its beauty and power.

2. The Circumstances (v. 28).

It was while traveling that this great man was studying the Bible. This is a most excellent way to improve moments while on a journey.

3. Doing Personal Work (v. 29-37).

Philip was taken from his great evangelistic work in Samaria and directed to go to the desert. The Spirit directed Philip to join himself to the chariot in which the Ethiopian was traveling. Philip ran in obedience to the Spirit's command. One should be alert for the Spirit's direction as for the individual with whom to do personal work. The eunuch was inquiring after the way of life. But still he needed the help of a Spirit-taught man.

A Great Responsibility.

THE responsibility attached to the preparing of a remedy for infants and children is undoubtedly greater than that imposed upon the manufacturer of remedies for adults whose system is sufficiently strong to counteract, for a time at least, any injurious drug. It is well to observe that Castoria is prepared today, as it has been for the past 40 years, under the personal supervision of Mr. Chas. H. Fletcher.

What have makers of imitations and substitutes at stake? What are their responsibilities? To whom are they answerable? They spring up today, scatter their nefarious wares broadcast, and disappear tomorrow.

Could each mother see the painstaking care with which the prescription for Fletcher's Castoria is prepared: could they read the innumerable testimonials from grateful mothers, they would never listen to the subtle pleadings and false arguments of those who would offer an imitation of, or substitute for the tried and true Fletcher's Castoria.

