

# OSU EXTENSION SERVICE

Klamath Basin Research & Extension

## Grow It, Cook It, Like It

Farm to School and Nutrition Education Program



**Oregon State**  
University

Introduce topic: Life Cycle of a Chicken

This week we will check in on the  
incubators with eggs through out  
Klamath County



Oregon State University  
Extension Service

It is time to name our eggs!! This incubator is currently at the Bonanza FFA lab it has 28 eggs in it.  
Send us some names for chicks and we will write that name on an egg!! You can email names for chicks to [Janice.schooler@oregonstate.edu](mailto:Janice.schooler@oregonstate.edu)

Countdown to hatching has started!! 14 days left until Hatching Day!!

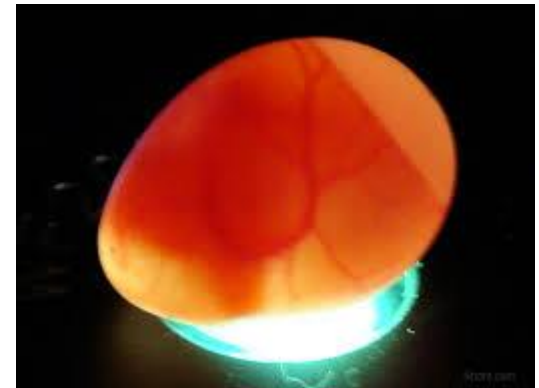


Look at all these eggs!! Lets take a look inside an egg and see how the embryo is developing!



# Vocabulary

- Candling: shining a light into an egg to examine the inside of it
- Hen: An adult female chicken
- Rooster: An adult male chicken

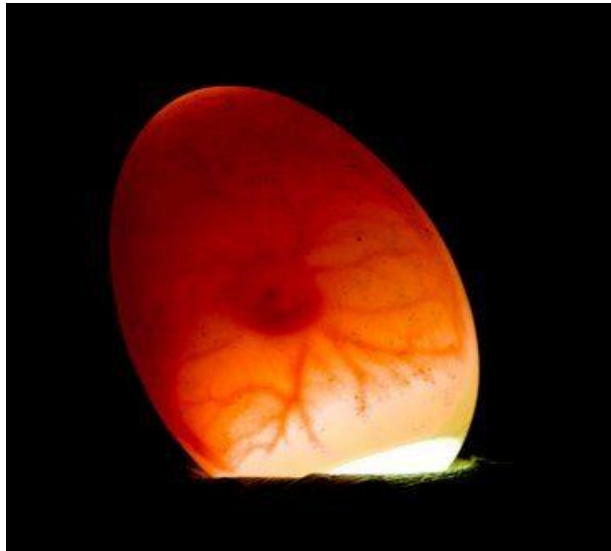


# Take a look inside the egg!!



Candling an egg means to shine a bright light through the shell to look at the embryo.

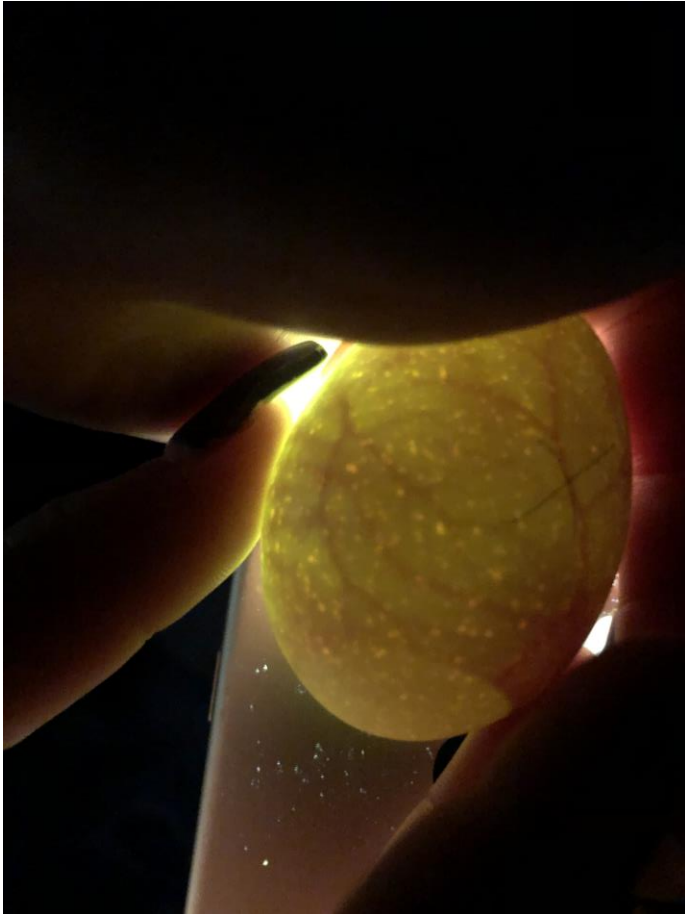
You can see the veins in the picture to the left.



Candling can be done with a flashlight in a dark room. You want the room to be as dark as possible.

Look at the pictures below, what do you see? Can you see the air cell and veins?

These pictures are around days 7 and 8 of incubation. Inside the egg feather buds are appearing and eye development starts.



# Q: Do you have eggs in your refrigerator?

You can do a candling experiment with eggs you have at home.

What you will need

- 1) One egg
- 2) One flashlight
- 3) A dark room



Place the egg over the flashlight, make sure the room is dark.

What do you see? Is there a difference between the eggs we candled and the one from the refrigerator?

# Some neat videos to watch about candling

- [https://www.youtube.com/playlist?list=PL5V9GXQIS0\\_u ssQHLwE08gPYYewEE7iSO](https://www.youtube.com/playlist?list=PL5V9GXQIS0_u ssQHLwE08gPYYewEE7iSO)
- <https://www.youtube.com/watch?v=f7X0wP0xSZc>
- Remember to email your egg names to [janice.schooler@oregonstate.edu](mailto:janice.schooler@oregonstate.edu)

# Thank you!

## What's Next?

Janice Schooler

<https://workspace.oregonstate.edu/klamathfood>

<https://extension.oregonstate.edu/kbrec>



Klamath Basin Research  
and Extension Center

# References, Learning Objectives & Science Standards

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## **Overall Program Learning Objectives:**

1. Label and name the parts of an egg
2. Understand incubation
3. Define the parts of an egg
4. Candling an Egg

## **Hatching Science with Classroom Chicks 3<sup>rd</sup> Grade:**

### **LS1 Vocabulary**

Understanding terms used in chick hatching.

### **LS1 Eggology**

Students will identify what incubation is .

## **National Agriculture in the Classroom**

### **Eggology**

Identify how the basic needs of a growing chick are met during egg incubation