

OSU EXTENSION SERVICE

Klamath Basin Research & Extension

Grow It, Cook It, Like It

Farm to School and Nutrition Education Program



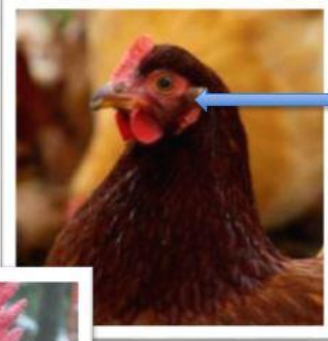
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Fun Fact

You can tell what color of egg a hen will lay by the color of her earlobe



White



Dark BROWN



LIGHT BROWN

Genetic Characteristics

Q: Are Genetic Characteristics something you can see?

Genetic Characteristics are traits you inherit from your parents - some you can see and some you cannot.



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Some Genetic Traits You Can See

Feather Color



Black



White



Brown



Multi-
colored

Feather Length & Texture You Can See



Short & Smooth



Long & Thick



Fine & Fluffy



Course & Fluffy



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The Color of Egg a Hen Lays

White

Light Brown

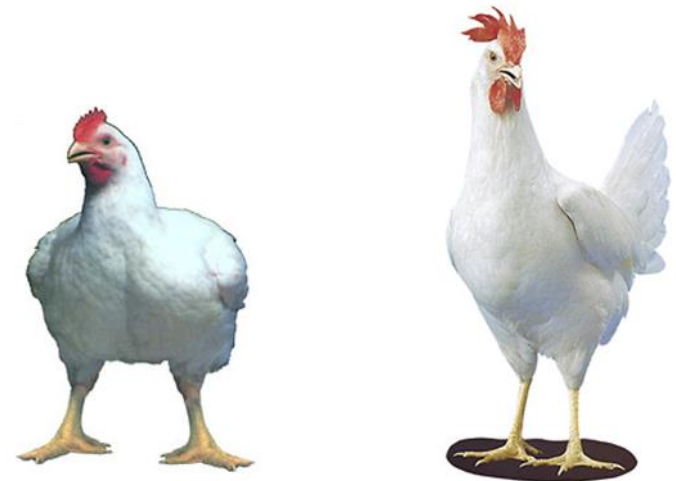
Dark Brown

Light Green



Some Genetic Characteristics You Cannot See:

- Growth Rate
- Resilience
- Skeletal Development



Let's Look at Different Breeds of Chickens



Cochin

- Very thick, fluffy feathers that give body a round appearance
- Feathers cover legs and feet
- Many colors including white, brown, and multi-colored
- Medium brown eggs

Polish Crested

- Smooth feathers on body
- "Crest" of feathers on the head
- No feathers on legs or feet
- Many colors including black, brown, and multi-colored
- Medium white eggs





White Leghorn

- Smooth, white feathers
- No feathers on feet or legs
- White
- Large white eggs

Silkie

- Small, fluffy feathers appearing like silk
- Feathers in a ball shape on their head AND covering their feet
- Many colors including white, brown, and black
- Small, brown eggs



What's happening with our eggs this week



They are hatching around the county!!

Chicks that hatched with Bonanza's 3rd grade



Chicks that hatched with Bonanza FFA



Thank you!
Next week the chicks go to the farm.



Klamath Basin Research
and Extension Center

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

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
5. Chicken Genetics
6. Chicken breeds

Hatching Science with Classroom Chicks 3rd Grade:

LS1 Vocabulary

Understanding terms used in chick hatching.

LS1 Eggology

Students will identify what incubation is .

LS3 Chicken Genetics

National Agriculture in the Classroom

Eggology

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

Activity For The Week

Name the chicken and characteristics



Name of chicken _____

Characteristics

1) _____

2) _____

3) _____



Name of chicken _____

Characteristics

1) _____

2) _____

3) _____



Name of chicken _____

Characteristics

1) _____

2) _____

3) _____



Name of chicken _____

Characteristics

1) _____

2) _____

3) _____