

Unit E

Segments of Animal Agriculture

Lesson 3

Exploring the Poultry Industry

Terms

- Bantams
- Broilers
- Chick
- Cockerels
- Drake
- Duckling
- Gander
- Goose
- Gosling
- Hens
- Layers
- Poul
- Poultry
- Pullet Producers
- Pullets
- Roosters
- Tom

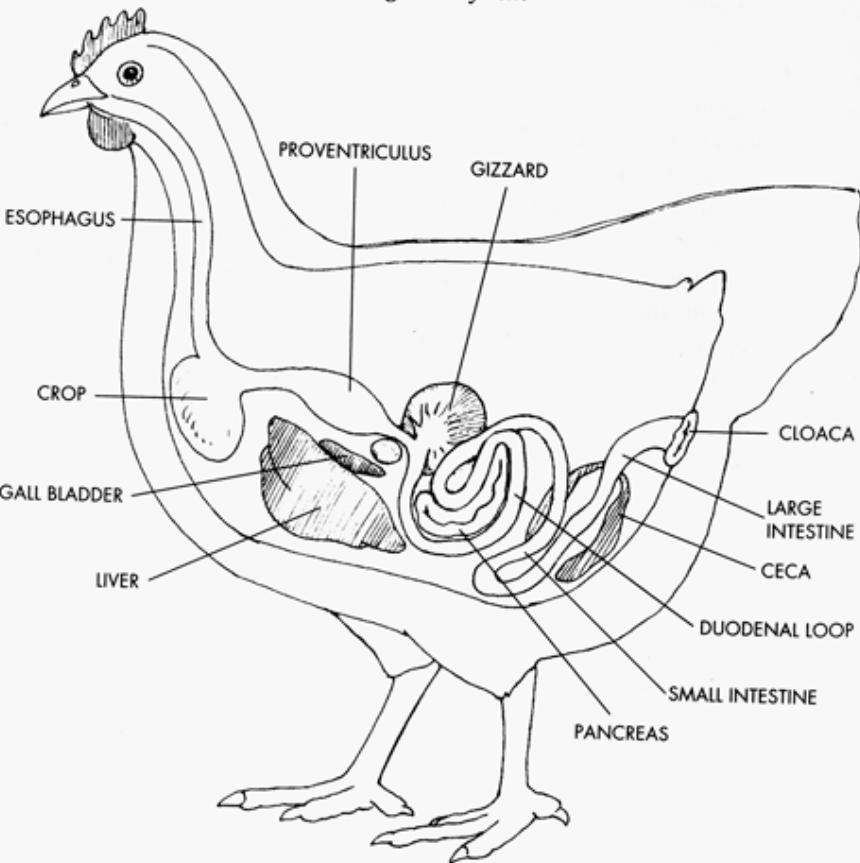
What is poultry?

- Poultry
 - group name for all domesticated birds used for meat, eggs, and feathers
 - referred to as fowl
 - have wings, backbones, & feathers
 - some can swim

What is the difference between poultry and other animals?

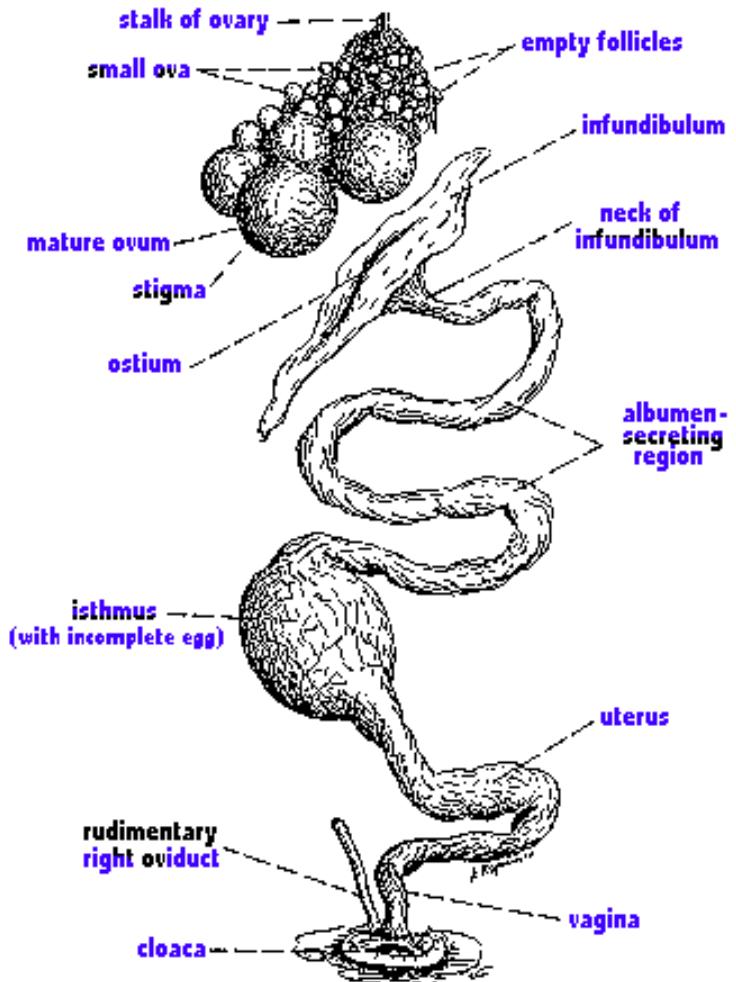
- Digestive System
 - has a gizzard instead of teeth
- Reproductive System
 - egg laying after mating for fertile eggs
 - artificial insemination is needed because some birds are unable to mate naturally because of their mass of flesh
- Externally
 - most birds are similar
 - features on the head and neck help identify

Digestive System



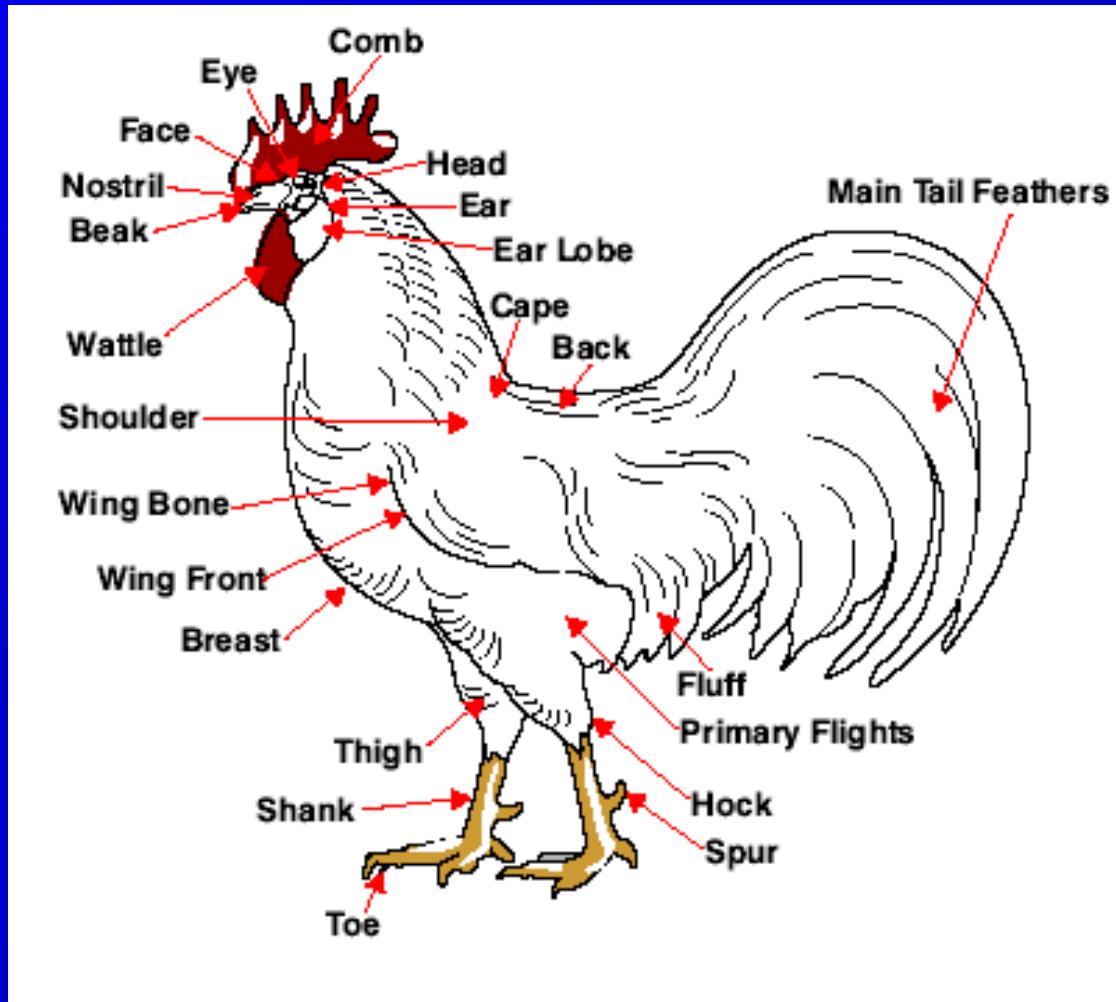
Source: Chicken Health Handbook, by Gail Damerow, Storey Publications.

Digestive System

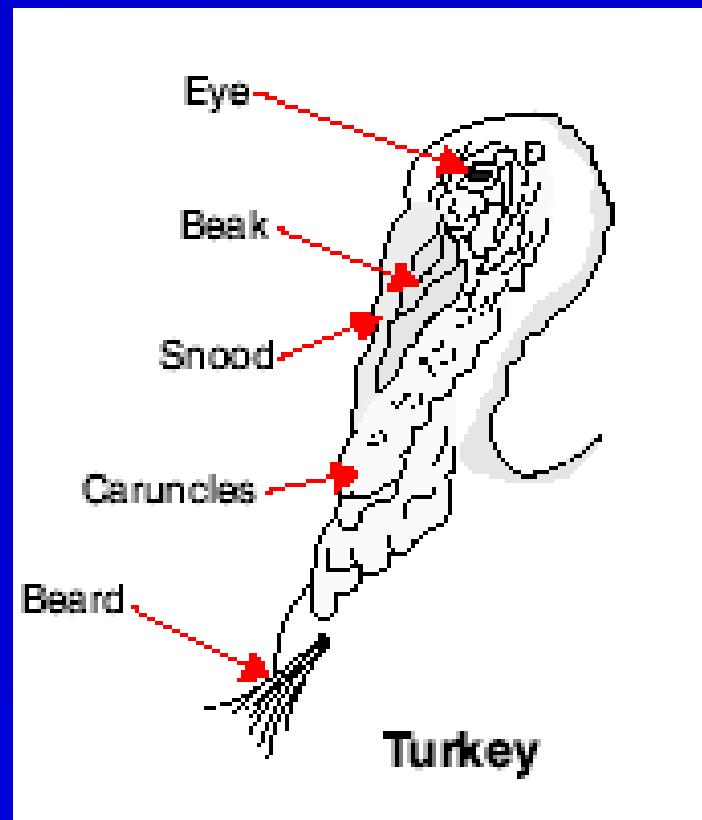
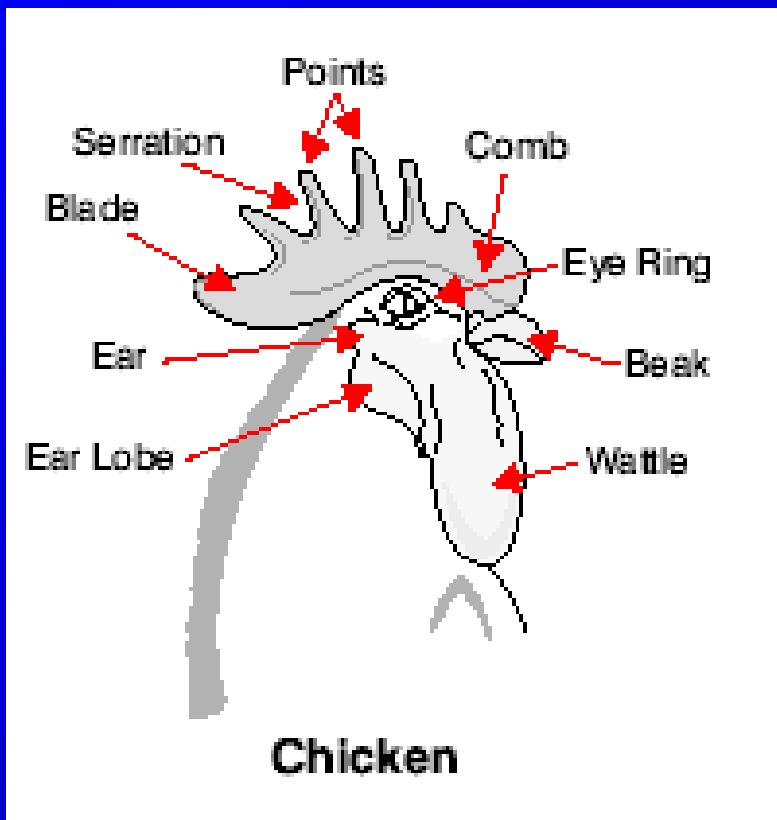


Reproductive Tract of Hen

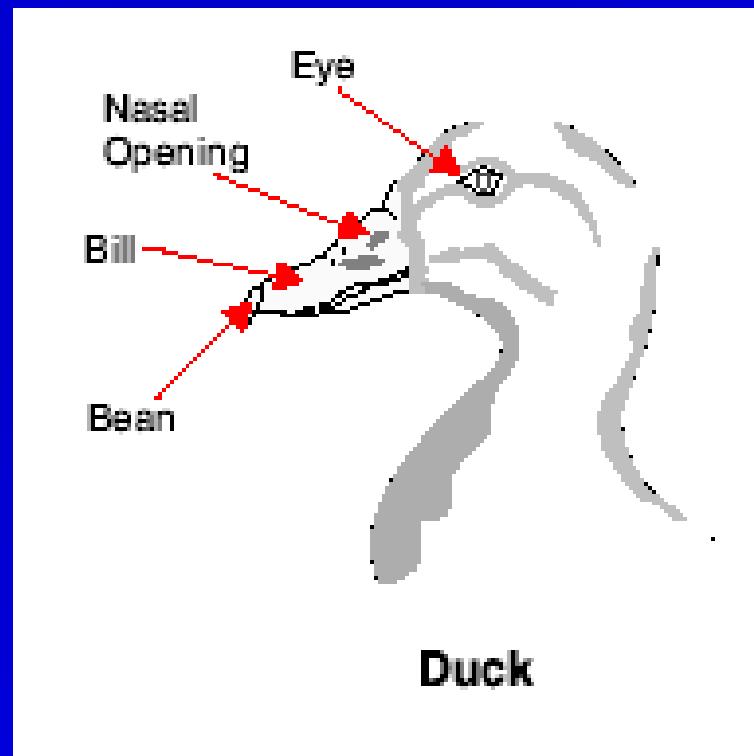
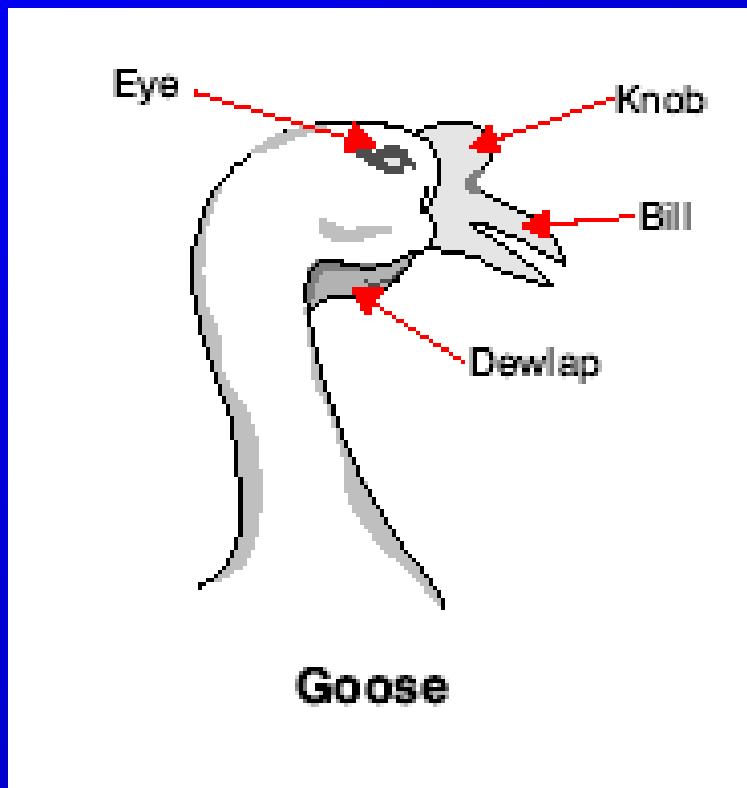
External Parts of Poultry



External Parts of Poultry



External Parts of Poultry



What are terms associated with poultry?

Chickens

- Layers
 - chickens that are used to produce large quantities of eggs
 - eggs used for food and produce chicks
- Broilers
 - young chickens that weigh about 1.81 kgs, are 6 to 7 weeks old and used for meat
- Chick
 - baby chicken of either sex
- Cockerels
 - young male chicken

What are terms associated with poultry?

Chickens

- Roosters
 - mature males
- Pullets
 - young female chickens
- Hens
 - mature females
- Bantams
 - miniature chickens

Turkeys

- Hens
 - mature females
- Tom
 - adult male
 - gobbler
- Poult
 - young turkey of either sex

What are terms associated with poultry?

Ducks

- have down that grows under feathers
- Hens
 - mature female
- Drake
 - mature male
- Duckling
 - young duck of both sexes

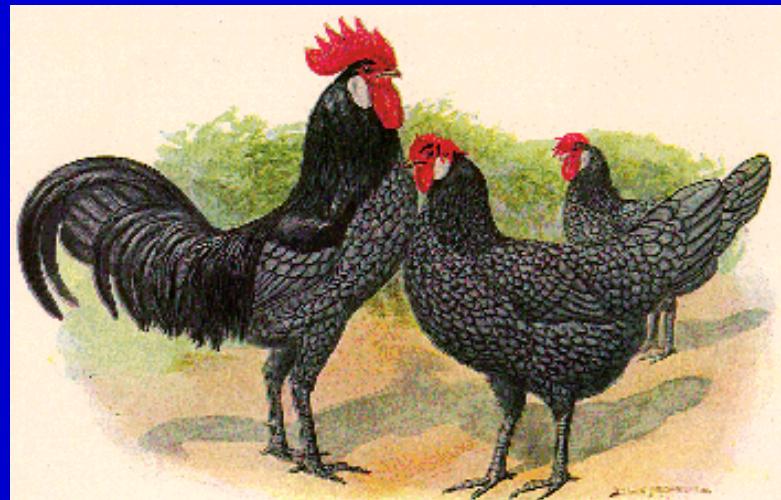
Geese

- Goose
 - female at maturity
- Gander
 - male at maturity
- Goslings
 - young geese

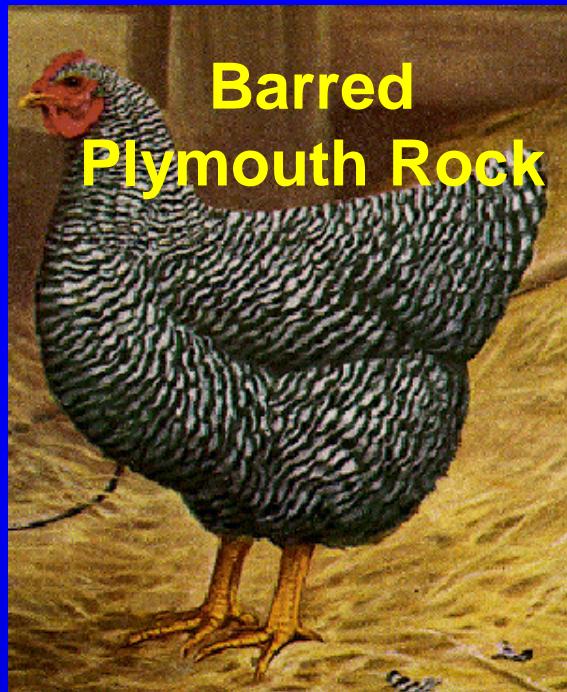
Chickens

- 4 classes of chickens
 - Mediterranean
 - American
 - English
 - Asiatic
- Identification Characteristics
 - color of eggs, skin, eyes, earlobes, and plumage

Andalusian



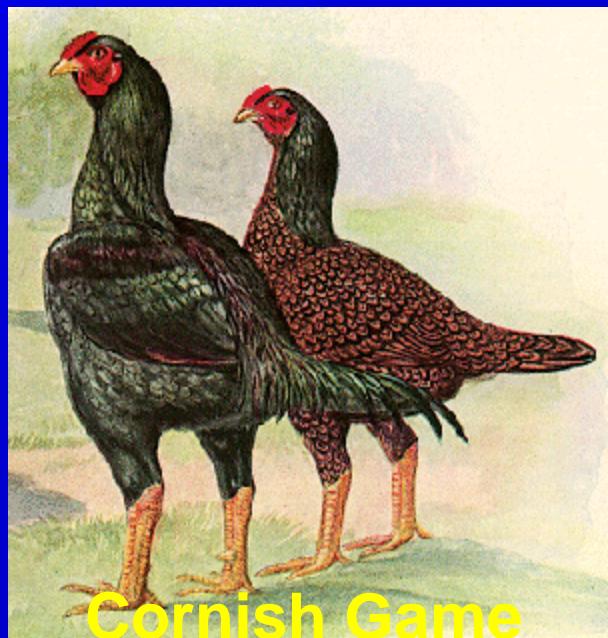
Australorp



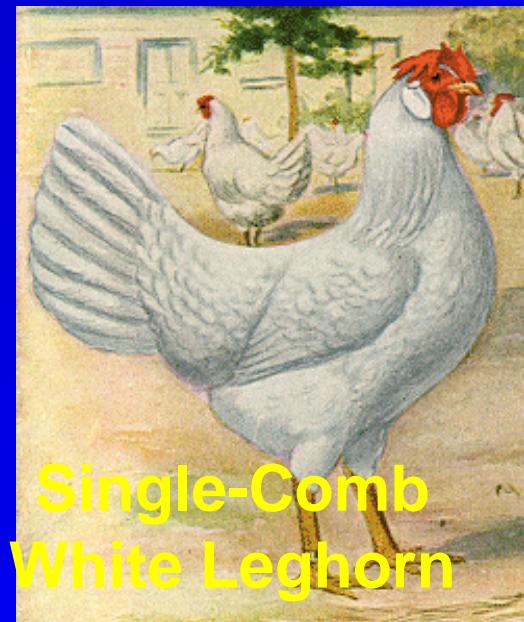
Barred
Plymouth Rock



Brahma



Cornish Game



Single-Comb
White Leghorn

CHARACTERISTICS OF SOME TYPICAL BREEDS OF CHICKENS

Class and Breed	Eggs	Skin	Comb	Eyes	Earlobes	Shanks	Plumage
Mediterranean:							
Leghorn (White)	White	Yellow	Single	Reddish bay	White	Yellow	White
Comments: All three are small in size and are used mainly for egg production—Leghorn most popular							
Minorca (Black)	White	White	Single	Brown	White	Dark Slate	Black
Andalusian (Blue)	White	White	Single	Reddish bay	White	Dark Slaty Blue	Slaty Blue
American:							
Plymouth Rock (Barred)	Brown	Yellow	Single	Reddish bay	Red	Yellow	Barred (Sex-linked)
Comments: Dual purpose; used in crosses for sexing chicks at hatching.							
Plymouth Rock (White)	Brown	Yellow	Single	Reddish bay	Red	Yellow	White
Comments: Primary Use—Broiler							
New Hampshire	Brown	Yellow	Single	Reddish bay	Red	Yellow	Red
Comments: Primary Use—Broiler							
Rhode Island Red	Brown	Yellow	Single	Reddish bay	Red	Yellow	Dark Red
Comments: Dual Purpose							
English:							
Cornish (White)	Brown	Yellow	Pea	Pearl	Red	Yellow	White
Comments: Used in development of male lines for crossbreeding.							
Australorp	Tinted	White	Single	Brown	Red	Dark Slate; Bottom feet white	Black
Comments: Used in production of crossbreeds.							
Asiatic:							
Brahma (Light)	Brown	Yellow	Pea	Reddish bay	Red	Yellow; feathered	Columbian (white & black)
Comments: Used in crossbreeding for meat production.							

Turkey Breeds



Broad-Breasted Large White

- most popular breed
- developed from crosses
- males have black beards
- all have white feet, beaks, & shanks

Ducks

- Breeds used for meat White Pekin
- Call -Aylesbury
 - most commonly used
- Swedish -Muscovy
 - originated in China
- Rouen -Cayuga
 - Weigh 3.6 kgs.
- White Pekin
 - white feathered with yellowish skin
- Breeds used for eggs
- Khaki Campbells
 - nervous birds
- Indian Runners
 - White-tinted eggs



Pekin

Muscovy



Khaki Campbell



Call



Geese

- Used for meat, eggs, feathers, down and weeding crops
- Most common breeds
 - Toulouse
 - Embden
 - Chinese
 - Pilgrim
 - African

Embden



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Review

- What is poultry?
- What are terms associated with poultry?
- What are different kinds and breeds of poultry?