

March 16th, 2015 Life Science (Day #132)

1. Planting Day in the Greenhouse????
2. Quiz C12S1
3. Class Notes: C12S1(2)
 - Characteristics of Birds (Notecard)
 - Adaptations of Birds for flying
4. Assignment
 - Read Section C12S2 'The Physics of Flight' pages 416-419
 - Complete the vocabulary (3)

Nov 13-12:58 PM

C12S1 Quiz

Grade: «grade»
Subject: Birds
Date: «date»

Feb 15-3:13 PM

1 What are the feathers used for flight called?

- A down feathers
- B contour feathers
- C prickly feathers

Feb 15-3:05 PM

2 What type of feathers are used for warmth?

- A down feathers
- B contour feathers
- C prickly feathers

Feb 15-3:08 PM

3 A bird's skeleton is strong but light due to them being _____.

- A solid
- B nearly hollow
- C entirely hollow

Feb 15-3:10 PM

4 What is the digestive organ used to grind up hard foods?

- A crop
- B intestine
- C gizzard

Feb 15-3:11 PM

5 How many chambers does a bird heart have?

6 Are birds endothermic or exothermic vertebrates?

- A endothermic
- B exothermic

Feb 15-3:11 PM

Feb 15-3:12 PM

3-16 Class Notes: C12S1

Characteristics of Birds

- 1. 4 chambered heart (efficient)
- 2. endothermic vertebrates ('warm blooded')
- 3. air sac for storing oxygen (allows for long flights)
- 4. lay eggs with hard shells (internal fertilization)
- 5. skeletons are strong and nearly hollow
- 6. teeth are modified as a bill or beak
- 7. most migrate to warmer climates in the winter

Adaptations for Flight

- 1. two different types of feather...one for flight and one for warmth
- 2. nearly hollow bones to eliminate weight but maintain strength
- 3. oil on wings to allow less friction
- 4. feathers interlock to create each of the wings

Feb 16-11:15 AM

Jan 26-11:11 AM