Name	Class	Date
Section 31–2 Bird	<b>\$</b> (pages 806–814)	
TEKS FOCUS: 7A Anator 10A Body systems	nical, physiological, and embryologic	cal similarities; 7B Adaptation;
This section describes the cha for flight.	racteristics of birds and how birds	are adapted
What Is a Bird? (page	806)	
1. Circle the letter of each	characteristic of birds.	
a. feathers	c. wings	
<b>b.</b> four legs	d. scales	
<ul><li>2. The single most import animals is</li><li>3. List two functions of features.</li></ul>		birds from all other living
b		
4. Identify each type of fea	ather diagrammed below.	
Evolution of Birds (p	age 807) Ly bird <i>Archaeopteryx</i> different fro	om modern hirde?

. I	s the following sentence true or false? Scientists know for certain that birds evolved
C	directly from dinosaurs
<b>701</b>	rm, Function, and Flight (pages 808–812)
. V	What adaptations do birds have that enable them to fly?

nme	Class	Date			
. For what two things do birds	1				
b					
reptiles		a low metabolic rate compared to			
atch the type of bird bill with the t	type of food it is adapted	d to eat.			
Bird Bill	Food				
<b>10.</b> Short and fine	a. Flower necta	ar			
11. Short and thick	<b>b.</b> Seeds				
12. Strong and hooke	d <b>c.</b> Insects				
13. Long and thin	<b>d.</b> Animal prey	<b>y</b>			
. Circle the letter of each senter	nce that is true about	bird adaptations.			
a. Birds break down food by	chewing it with their	r teeth.			
•	ě.	h in which large amounts of soft			
c. Birds have a constant, one	-way flow of oxygen-	-rich air in their respiratory system			
		etely separated from oxygen-poor			
. Circle the letter of the form of	Circle the letter of the form of nitrogenous waste excreted by birds.				
<b>a.</b> ammonia <b>b.</b> urea	<b>c.</b> uric acid	<b>d.</b> nitrate			
. Circle the letter of each senten	ce that is true about re	esponse in birds.			
<b>a.</b> Birds have brains that quie	. Birds have brains that quickly interpret and respond to signals.				
The cerebrum controls behaviors, such as nest building.					
The cerebellum in birds is much like that in reptiles.					
d. Birds can sense tastes and	smells quite well.				
. What are two ways in which	the skeleton of a flyi	ng bird is strengthened for flight?			
•	•				
a					
a b					

27. Is the following sentence true or false? Birds are not affected by changes in the

other celestial bodies as guides. \_

environment. \_\_\_\_