

7th Grade Science Book B Animals

Chapter Four: Birds and Mammals

Section One: Characteristics of Birds (pg 90-95)

For each word listed below, write the word on a piece of notebook paper, underline or highlight the word and then write the definition after the word. (Students are encouraged to take the definition from the actual text because that is the definition that will be used on quizzes and tests).

preening	molting	down feathers	
contour feathers		crop	gizzards
lift	brooding	precocial	altricial

Answer each of the following questions on a piece of notebook paper, in a complete sentence, restating the question in your answer. Failure to follow these rules will result in the student having to rewrite the assignment to earn their points.

1. Describe four characteristics that birds have that reptiles do not.
2. What are the four jobs of bird feathers?
3. Why might birds peck at and eat small pebbles?
4. Besides wings and feathers, describe seven characteristics that assist birds in flying.
5. Suppose that a bird that weighs 325 grams loses 40% of its body weight during migration. What is the bird's weight when it reaches its destination?

***Bonus- How does Bernoulli's Principle apply to birds flying?