

GRADE 8 SCIENCE | REPRODUCTIVE BEHAVIORS

Chapter 4, Lesson 1 | Slides 11–16

Name: _____ Class: _____ Date: _____

Instructions: Complete each activity using what you learned about bird nests and bowerbirds. Total: 20 marks.

A. Multiple choice (5 marks)

1. Birds build nests mainly to...

A. attract mates B. shelter eggs and young C. decorate trees

Answer: _____

2. A bower is built mainly to...

A. attract a mate B. raise chicks C. store food

Answer: _____

3. Which material may bowerbirds use to build bowers?

A. Twigs B. Glass windows C. Bricks

Answer: _____

4. Which behavior is an example of courtship?

A. Dancing to attract a mate B. Sleeping C. Drinking water

Answer: _____

5. In this lesson, fitness means the ability to...

A. run quickly B. survive and reproduce C. build the biggest nest

Answer: _____

B. Fill in the blanks (5 marks)

Word bank: courtship | aggression | fitness | bowers | feathers

6. Male bowerbirds build and decorate structures called _____.

7. Behaviors used to attract mates are called _____ behaviors.

8. Threatening or unfriendly behavior is called _____.

9. A bowerbird may show colorful _____ to attract a female.

10. The ability to survive and reproduce is called _____.

C. Put the display in order (4 marks)

Write numbers 1–5 to show the order of the male bowerbird's courtship display. (All five correctly ordered = 4 marks; see teacher key.)

_____ The male dances when a female arrives.

_____ The male builds and decorates a bower.

_____ The female enters to mate if impressed.

_____ The male calls for females.

_____ The male shows colorful feathers.

D. Short answers (6 marks)

11. Give **two** reasons why birds build nests. (2 marks)

12. Name **two** objects that bowerbirds may use to decorate a bower. (2 marks)

13. Explain why a male bowerbird spends time decorating its bower. (2 marks)

TEACHER ANSWER KEY

Based only on lesson slides 11–16. Total: 20 marks.

A. Multiple choice (5 marks)

1. B 2. A 3. A 4. A 5. B

B. Fill in the blanks (5 marks)

6. bowers 7. courtship 8. aggression 9. feathers 10. fitness

C. Sequence (4 marks)

Answers in the order printed: **3, 1, 5, 2, 4**. Award 4 marks for all correct; 3 marks for four correct; 2 marks for three correct; 1 mark for two correct; 0 otherwise.

D. Short answers (6 marks)

11. Any two: shelter, laying eggs, raising young. (1 mark each)

12. Any two: feathers, berries, leaves, insects, trash. (1 mark each)

13. To attract a female / increase the chance of successful reproduction. (2 marks for a complete explanation; 1 for a partially correct answer.)

Liveworksheets tip: Upload the worksheet PDF and add single-choice fields, text boxes, and short-answer fields over the answer spaces.