

# Ornithology

Science Olympiad  
Workshop  
February 1, 2020



# Team Resources at Event

- One copy of the Official List – outside of Binder (**unmodified / unmarked**)
- One commercially published Field Guide
- One 2-inch binder with additional information not found in Field Guide (**measure from inside of rings**)
  
- Notes, tabs, and labels can be added to both the Binder and Field Guide



# The Competition

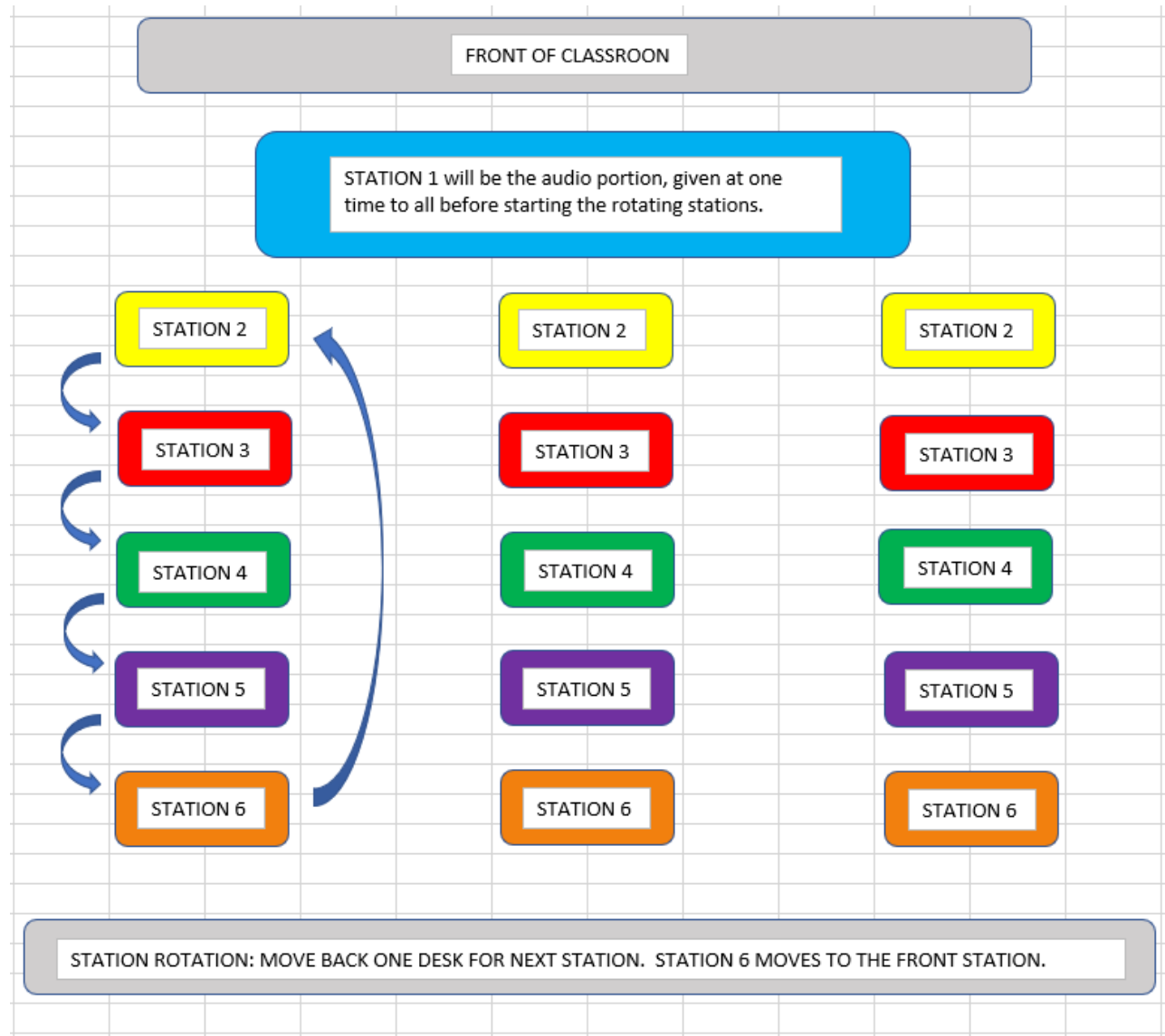
- Place information in appropriate place on answer sheet
- Print legibly so information is understandable
- Work as a team – use time effectively
- Use Binder and/or Field Guide effectively
- Identify to Order and then to Family and Genus
- Be sure to spell names correctly
- Carefully read all questions and use common sense in answering
- Relax, do your best and have fun!



## Station Set-up and Rotation

Order of Event  
Check-in

Audio portion (Station 1)  
Station Rotation (Stations 2-6)



# Sample of Answer Sheet for Practice Test

ORNITHOLOGY B/C 2020			
<i>Team Name</i>			
<i>Team Number</i>			
<i>Student Name</i>			
<i>Student Name</i>			
STATION 1			
1			
2			
STATION 2			
3			
4			
5			
6			
7			
STATION 3			
8			
9			
10			
11			
12			
STATION 4			
13			
14			
15			
16			
STATION 5			
17			
18			
19			
STATION 6			
20			

## Practice Test – Bird Song

1. Which letter is the bird song played?
2. Which letter is the bird song played?

- A. Barred Owl
- B. *Anas platyrhynchos*
- C. *Gavia immer*
- D. American Bittern
- E. *Zenaida macroura*
- F. Baltimore Oriole
- G. Wood Thrush

# Practice Test

- 3. Identify the bird shown using the full classification starting with Class.
- 4. What is sexual dimorphism? Does this species have sexual dimorphism?
- 5. What is the conservation status? Select best letter.
- 6. What does this bird eat?
- 7. Are these birds solitary or social?



<p>Low Conservation Low Concern</p>	<p>Watch Conservation Declining</p>	<p>Watch Conservation Restricted Range</p>	<p>Steep Decline Conservation Common Bird in Steep Decline</p>	<p>Watch Conservation Red Watch List</p>
<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>	<p>E</p>

## Practice Test

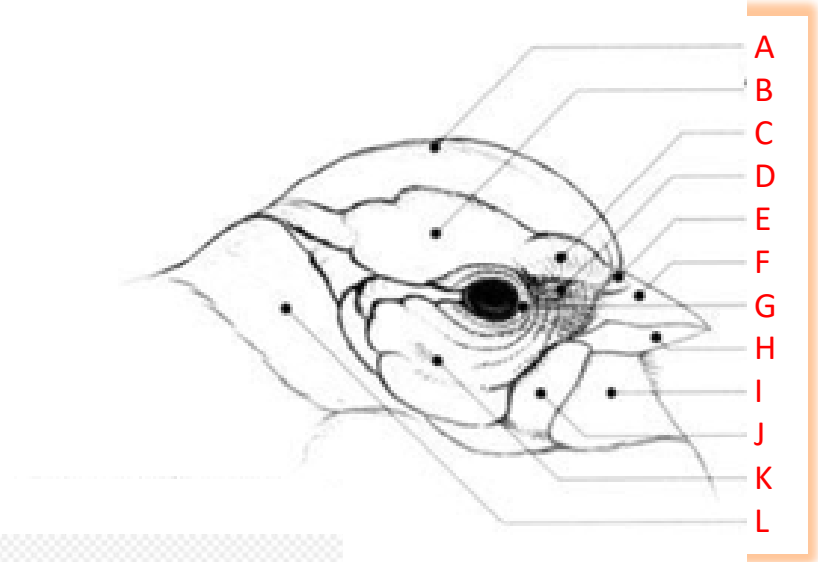
8. What is this bird's common name and Order?
9. How does this bird feed?
10. What type of nest is used?
11. How many eggs are laid?
  - a. 1
  - b. 3-4
  - c. 6-9
12. What is the condition at hatching?
  - a. Precocial
  - b. Atricial



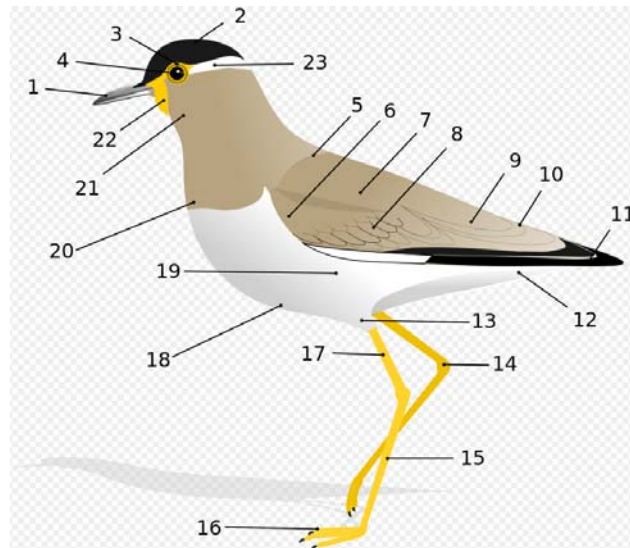


# Practice Test

- 13. What is a Field Mark?
- 14. Which letter indicates the Nape?

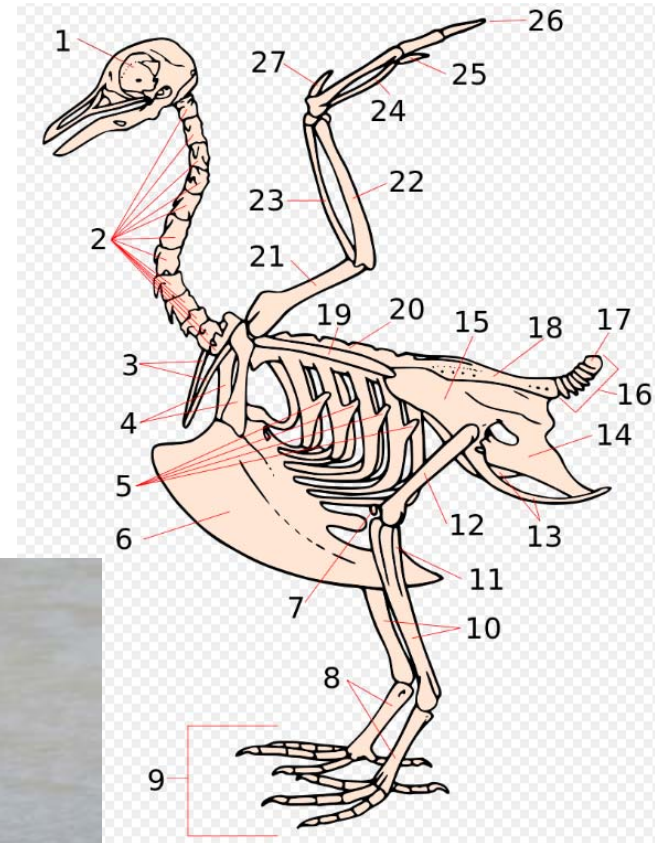


- 15. Which number indicates the Mantle?
- 16. Give the common name of this bird and the color of the Mantle.



# Practice Test

17. Which number indicates the femur?
18. List one way the bones of birds have adapted for flight.
19. Give the common name and family for this bird.



# Practice Test



Specimens of birds for study are always stored in drawers belly up.

20. Give the common names of these birds.

A?

B?

C?

D?

