

Bald Eagle Survey Activity

Names: _____ Date: _____

Location: _____

Survey 1: Population Count

Time: _____ minutes/count

Count the number of bald eagles you observe during the time period. Work with your partner to ensure that you do not count the same eagle more than once or miss any eagles. When you are done, calculate the totals and averages for each section. Round averages to the nearest hundredth when needed.

Bald Eagles	1st Count	2nd Count	Total	Average
Adults				
Juveniles				
Totals				

Survey 2: Behaviors

Time: _____ minutes

Mark all observed behaviors for your selected eagle. Be sure to indicate whether you observed an adult or a juvenile.

Behavior	Tally for <input type="checkbox"/> Adult <input type="checkbox"/> Juvenile	Total
Perching		
Flying/Soaring		
Sitting on Ground/Ice		
Preening		
Hunting - Successful		
Hunting - Not Successful		
Pirating Food (Stealing)		
Mating Behavior		
Feeding Young		
Nest Building		

Other observed behaviors:



Bald Eagle Survey Activity

Answer the following questions based on your observation record.

1. Calculate the averages for adults, juveniles, and overall using the data from all the survey groups. Round averages to the nearest hundredth and then answer the questions.

Group #	1	2	3	4	5	6	7	8	9	10	11	12	Total	Average
Adult														
Juveniles														
Total														

How did your averages from Survey 1 compare to the class averages? Explain.

What percentage of the bald eagles you observed in Survey 1 were adults? Show your work!

2. Which behaviors did you observe the most during Survey 2? Explain how your observations compare to those of your classmates.

3. What are the chances an eagle would be successful in their hunt for food? Explain using your observations during Survey 2 and the class discussion about it.

4. Did the adults and juveniles interact in any way during either survey period? Explain.

5. What questions do you have about eagles? List at least two questions.