

Where Do The Lions Go In Their Exhibit?

Teacher Instructions: The following data and observation sheets are meant to be used on a day trip to the Zoo. Students are asked to enter information on a diagram of the lion exhibit – recording where they see the lions in the exhibit. The data collection sheet can be used back in the classroom to compile all the student information. Students could make hypotheses about where they think the lions will be and compare to what they've found. Did locations change throughout the day or do they seem to prefer one location in their exhibit? The Data Collection sheet may also be used if students are participating in Option 2 of the observation. If your school visits annually data can be collected and saved and compared from year to year.

Student Instructions: Using the drawing on the following page, make a mark where each lion is on exhibit. Be sure to label whether it was male or female.

Analysis: Have each student enter what section of the exhibit the lions were found in when they saw them. Add the number of times a lion was seen in each section and that will tell you what area of the exhibit the lions like the most.

Option 2: Do a time-based schedule of what the lions did throughout the day. Have the time on each worksheet and let the students observe where the lions went throughout the day. This could show a pattern that might be done on other days as well. This would work well if students visited the exhibit several times throughout their visit to the zoo.



Where Do The Lions Go Each Day? Data Collection

Sector of Exhibit	Number of Times Lions Observed in each Sector	% of Total
1		
2		
3		
4		
5		
6		
7		
8		
Total		



Lion Exhibit Diagram

