

Lunchroom Behavior Lab

Task: You will be observing the elusive species *Homo sapiens* in its natural environment (the lunch room). The male and female of the species will be studied. You must document at least one example for each of the terms listed below. Be as detailed as possible in your descriptions and draw a picture if necessary. You may use your notes to get a definition of the terms, and additional paper may be needed for your observations. Document every note clearly and in an organized manner to help with the ease of analyzing your data. **Remember:** *Do not disturb or interact with the organisms you are observing as this might compromise your data.*

Question: What are examples of certain behaviors of the species *Homo sapiens*?

Independent Variable (what is set up prior to starting a lab; variable being tested):

Dependent Variable (data that collected in the lab; responding variable):

Constants (at least 2 things that need to be the same across all groups doing the lab):

Data:

*If you are unable to make an observation for a behavior, then discuss with another group or record an observation that you think would fit that behavior in a lunchroom setting to complete the chart. **Make a note that it was not directly observed.***

Behaviors	Observations
Fixed Action Patterns	
Sign stimulus	
Taxis	
Kinesis	
Signals	

Communication	
Foraging	
Spatial learning	
Operant conditioning	
Classical conditioning	
Habituation	
Cognition / Problem solving	
Agonistic behavior / Territoriality	
Dominance hierarchy	
Courtship behaviors	

Cooperation	
Altruism	

Discussion: Turn the answers to the questions into a single, cohesive paragraph. Type your response in a Google Doc, title it **Lunchroom Behavior Lab Discussion**, type your name in the document before the paragraph and submit to Schoology along with turning this sheet into the tray.

1. What did you learn about animal behavior from completing this lab activity?
2. What seemed to be the most common behavior that you observed across all lunches?
3. What was the most surprising behavior that you observed?
4. Were there any patterns that emerged from studying the Homo sapiens? (For example: females of the species all act one way where as the males act a different way when eating). If not, explain why you think there weren't any patterns.
5. Did this lab activity help you learn the concepts and vocabulary better for this topic? Why or why not? What terms make sense to you now after completing the lab and which terms are still confusing or difficult for you?

Grading Rubric:

	Points Possible	Points Earned
Variables	9	
Complete chart – must include a proper example for each of the behaviors listed (3pts each)	51	
Questions – <i>points will be deducted for minimal elaboration or very short answers.</i>		
1. Multiple sentences with elaboration on your thoughts about what you learned	8	
2. Must include a correct behavior name and a description of the example of the behavior	8	
3. Must include a correct behavior name and a description of the example of the behavior	8	
4. Clear answer with supporting evidence.	6	
5. Clear answer with supporting evidence.	6	
Also includes terms that were learned better and still struggling	4	
	100	