

Biology

Name: _____

What is Life Lab

Day 1

Date: _____ Hour: _____

Prelab:

List the most important characteristics of life that you think all living organisms have in common.

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

h. _____

Data Collection:

Observe the specimens displayed in the lab and complete the table below. As you record your observations, try to apply the 8 characteristics you listed above.

#	Identify Specimen	List 3 to 5 observations of the specimen	Living, Dead or Inanimate *was never alive*
1			
2			
3			
4			
5			
6			

Analysis Questions:

1. What are the actual 8 characteristics of life discussed in class? _____

2. What characteristics of life listed in #1 were you NOT able to observe for ANY of the specimens?

3. Were there any characteristics of life you were able to observe in ALL of the LIVING specimens? If so, which ones?

4. How could you determine whether a specimen is an inanimate object or if it is a dead organism?

Claim:

Fill in the following table with your answers according to the 8 characteristics listed in class.

#	Living, Dead, or Inanimate	#	Living, Dead, or Inanimate
1		4	
2		5	
3		6	

Evidence:

List one piece of evidence you wrote in your observations (look at your data table) that helps to prove your claim for each specimen.

#	Evidence	#	Evidence
1		4	
2		5	
3		6	

Reasoning:

For each one, explain why that evidence is important in showing your claim of living, dead, or inanimate is correct.

#	Reasoning ("this is important because.....")	#	Reasoning ("this is important because.....")
1		4	
2		5	
3		6	