Name:	
Date: _	Core:

Notes—Observing/Inferring

Observation

				Done with our own such as a microscope or thermometer.		
Purpos	seTo c	create and test				
Two T	ypes of	Observations	and _			
1)						
	Ex: smooth, clear, rectangular, odorless, red, bumpy, thin*, microscopic* *although thin and microscopic describe size, they are not precise and therefor qualitative					
2)		can be or 5 balloons, 30 g, 5 k		and is most likely		

Practice: Using the picture below, make as many observations as you like. Classify between qualitative and quantitative.



Qualitative	Quantitative

		N	lame:		
		С	Jame: Date:	Core:	
Definition Provides an we make		_ for events we ex	xperience or	that	
PurposeScientists infer to help make _		(of their environment		
Things	* the only rule is to be logical an * based on * inferences can change when * there may be * used to make	than one logica	information becomes		
Practi	Ex: Tom was working on his la everyone to return to their the teacher didn't want any ce: Provide a reasonable inference	ab in class when the seats. He inferred yone to get	that the		
1)	1) You heard your neighbor setting off fireworks during the July 4th holiday in their backyard. The next morning, you noticed their storage shed in the backyard had burned down.				
2)	Your lock was missing from your locker when you returned from electives.				
3)	The car belonging to the family across the street has not been in their driveway for the last week but you have seen them at home.				