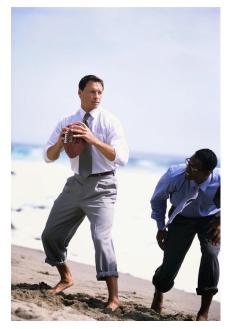
	Name	
	Date	
Observations vs. Inferences A good scientist is first a good observer. In order pay attention to details and use your five sense to observations, what we can see, hear, or touch translate into good science practice). Senses can Inferences, on the other hand, are how we interest them by filling in any missing observations/facuse your thinking ability in order to make inferences	es. In science, we pay week, or smell (Tasting do an be enhanced with tempret the observations take those facts and trycts by using what we a	rvations, you must very close attention besn't always chnology. we make. v to make sense of lready know. You
For example: You are asleep in bed, when earl tremendous crash outside, followed by a flash What are your observations? Use your senses light.  Now, what is your inference? You might think think it was going to rain. Both of these are indirectly- you are guessing. You are making log can storm without rain, so that it is "raining out always comes before the sound.	of light You heard a loud nois a thunderstorm is happed ferences, because you or gical guesses, but guess	se. You saw a flash of pening. Maybe you'd did not see them ses nonetheless. It
Now, you look outside and make some more on next to an electrical pole. You see sparks falling the pole. Inferences can change with new observable.	ng from the power trans	sformer at the top of
Part I. You will determine weather each of the by putting O or I on the blank next to the description.	_	ation or inference,
A bird is sitting on a post A bird is sitting on it's nest A bird is on the ground because it is hurt A bird is on the ground because it is looking for food A chirping noise from the tree must be the bird's babies	are hungry	f twigs and grass

Part II. Look at the pictures on the back. For each picture write three observations about the picture. Then write one inference.



Observation 1	
Observation 2 _	
Observation 3 _	
Inference	



Observation 1	
Observation 2	
Observation 3	
nference	

K	eeping	these	in case	I want	to ever us	e them.	Currently	y not ir	ncluding	them o	n the	workshe	et

What kind of coin?	_ observation or inference?	1.
How old is the coin?	observation or inference?	2.
What color is the coin?	observation or inference?	3.
Who is on the coin?	observation or inference?	4.
What shape is the coin?	observation or inference?	5.
What is the coin made of?	observation or inference?	6.
Are there ridges on the coin?	observation or inference	? 7.
How thick is the coin?	observation or inference?	8.