Diffusion Lab	Name:		Date:	_ Per
permeable membr substance that cha your teacher demo	s lab you will observe the ane. lodine is a known in ances color in the preser onstrates how iodine cha ons: Describe what hap	ndicator for stance of the subs anges in the pr	arch. An indicator is stance it indicates. esence of starch.	s a Watch as
bag. (This r 2. Fill a beake 3. Place the basiodine wate 4. Wait fifteen	baggie with a teaspoon nay already have been or rhalfway with water and aggie in the cup so that rmixture. minutes and record you are waiting, answer the o	done for you) I add ten drops the cornstarch Ir observations	s of iodine. mixture is submer	
Questions:				
<ol> <li>Define di</li> <li>Define os</li> <li>What is t</li> </ol>		een osmosis a	and diffusion	
4. Why is io	dine called an indicator?	?		
	s tend to move from are centration.	as of	concentration to a	reas of
	ag? We're going to the more or less concentr			
1. Is the back the ba	aggie or beaker more aggie or beaker more olution: is the baggie solution: is the baggie hypotonic in relation t	concentrate or the beake or the beake	d in iodine? er hypertonic? er hypertonic?	
Make Some Pro		o starch, bag	ggie of beaker?	
	s permeable to starch, v	which way wou	ıld the starch move	into the
bag or out of the b	ag?	-		
	s permeable to iodine, v	vhich way wou	lld the iodine move	, into or out
of the bag?	 s permeable to iodine, v	vhat color wou	ld you expect the s	olution in the
baggie to turn?	What about the s	olution in the b	oeaker?	
	s permeable to starch, was permeable to starch, which is the starch to starc			olution in

Data Table					
	Starting Color	Color after 15 minutes			
Solution in Beaker					
Solution in Bag					
Post Lab Analysis					
1. Based on your observation	ons, which substance mo	oved, the iodine or the starch?			
2. How did you determine th	is?				
3. The plastic baggie was p	ermeable to which subs	tance?			
<ul><li>4. Is the plastic baggie selection</li><li>5. Sketch the cup and bagg occurred in this lab.</li></ul>		se arrows to illustrate how diffusio			
6. What would happen if you in the baggie, and the starcl Be detailed in your descripti	n solution was in the bea	hich the iodine solution was place aker?			
Do detailed in your descripti	OII.				