lame	Date	
Osmosis Lab		
Preparation Soak a raw egg in vinegar for 3 days. After the 3 rd day, carefully remove the egg, pour the vinegar very gently, wash the remaining shell residue from the egg. Working with a partner, decide if you want to place your egg. Place one egg in enough distilled water, so that it covers the egg. Place the other egg in enough syrup, so that it covers the egg.	g in syrup or in distilled water. egg.	
Hypothesis Make a prediction about what you think will happen to the egg		
Nake a prediction about what you think will happen to the egg	that was place in syrup:	
. After the eggs have sat overnight, examine and compare the syrup, as well as to the control egg. Record your observation a. Egg in distilled water:	ns below:	
a. Egg in distilled water:	ns below:	
Decided a second secon	ns below:	
D. After the eggs have sat overnight, examine and compare the syrup, as well as to the control egg. Record your observation a. Egg in distilled water: b. Egg in syrup: C. Were your predictions correct? Analysis Distilled Water	ns below:	
a. Egg in distilled water:	stilled water?	

hat has a higher concentration of water, the egg or the syrup?
ing the information in the previous two questions, explain why the egg placed in syrup changed the wardid:
cation
men solution is saltwater most similar to, the distinct water of the syrup;
, ,
hat do you think would happen to an egg that was placed in saltwater?
asma is the fluid in which blood cells are immersed. Plasma consists of water and some dissolved ions. It is very important that the concentration of water in your plasma remains about the same as the incentration of water in your cells. If the concentration of water in plasma changes then the blood cells in either swell and burst or shrivel up and die. Based on this information, what do you think would ppen to an egg that was placed in plasma?
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