

How Do Materials Get Through a Cell Membrane?  
*Use your notes to answer the following questions, USING  
COMPLETE SENTENCES!!*

What is diffusion?

What is osmosis?

Are all materials allowed to pass through a cell membrane? Explain what things can prevent or allow materials in or out of a cell membrane.

In the activity with the starch and iodine, what material went through the plastic bag “membrane”- the starch or the iodine? How do you know? Fully explain your answer. You can use a labeled diagram to help with your explanation.

In the egg activity, using the egg from your group, explain whether liquid moved into the egg or out of the egg. Explain how you know that this happened.

A bottle of perfume is opened up at the front of the classroom. Draw diagrams to show where the perfume molecules would be immediately after the bottle is opened, after 5 minutes and after 10 minutes.

Draw a diagram to explain what it means that molecules move from an area of high concentration to an area of low concentration.

When the molecules of substance are evenly spread out, do they stop moving? What happens to the molecules?