



Teacher: _____ M. Adrover _____

Subject _____ Biology _____

Grade: _____ 10 HBio _____

Lesson Plan – Weeks _____ Oct. 26th —Nov. 6th, 2015 _____

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| Unit | Unit II: Cell Biology |
| Lessons | Chapter IV: Cell Structure and Function (Continued) Chapter V: Homeostasis and Cell Transport |
| Objectives | Students will be able to explain the physiology of eukaryotic and prokaryotic cells Students will be able to describe and explain how materials get in and out of cells. |
| Materials | Infocus projector, Modern Biology Textbook, notebook, internet connection, microscope, dialysis bags, sucrose, food coloring, distilled water) |
| Activities | Guided reading of pages 75--106. Socialized discussion of these pages. Discussion of a blog post from The Hypertextual Lounge (Osmosis and Diffusion). Observation of cells under a microscope. Demonstration of how Diffusion occurs by using food coloring and water. |
| Assessment | After each demonstration, questions will be answered in the classroom. Workbook (Study Guide) activities for sections 4.2 through 5.2 Section Reviews of each chapter discussed in this lesson plan; these exercises will be discussed in class, with special emphasis on critical thinking questions. Test Chap. 4 (The Cell): Nov. 3 rd , 2015 |

Special Note: This lesson plan may be subject to change depending on the group's educational needs, school activities, holidays, and/or suspension of classes due to emergencies and extreme weather conditions.