

Periods	3,4,5, and 7	Unit 2	Sept. 21-Oct. 7 2015-2016
Standards	SC. 912.L.14.1 Lab Report SC. 912.L.14.2 LA.910.2.2.3 SC. 912.L.14.3 LA.910.4.2.2 SC. 912.L.14.4 MA.912.5.1.2 SC. 912.L.14.5 MA.912.5.3.2	Students will engage in: Independent activities Whole group instruction Technology integration Simulations Hands-On	Project Lectures Visuals Other:
<p>Class Objective: (1) Science as a Process (2) Evolution (3) Energy Transfer (4) Continuity and Change (5) Relationship of Structure to Function (6) Regulation (7) Interdependence in Nature (8) Science, Technology, and Society</p> <p>Common Core: RST.9-10.2. Determine the central ideas or conclusions of a text; trace the text’s explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text RST.9-10.3. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text RST.9-10.6. Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address RST.9-10.7. Translate quantitative or technical information expressed in words in a text into visual form and translate information expressed visually or mathematically into words RST.9-10.8. Assess the extent to which the reasoning and evidence in a text support the author’s claim or a recommendation for solving a scientific or technical problem</p>			
Date	Procedures Followed		Materials/Text Reference
Sept. 21/22 100 min.	Collect/Turn In: 3.1 Study Guide Warm Up/Quiz: Go over Test Data Lecture: Activities/Lab: Microscope Lab Homework: Complete Lab		PPT Microscope Lab Materials Lab worksheet Colors
Sept. 24-25 100 min.	Collect/Turn In: Microscope Lab Warm Up/Quiz: Warm Up Lecture: Review Cell Theory 3.2: Cell Organelles (Students Completed packet) Activities/Lab: I lectured 1 st part Homework: Finish packet		3.2 Power Notes PPT Colors Laptops

Sept. 28/29 100 min.	Collect/Turn In: 3.2 Packet Warm Up/Quiz: Warm up Lecture: 3.3: Cell Membrane Activities/Lab: Cell Comparison Activity (boxes made from last year) (Not A Day) Homework: Cell Coloring/Matching worksheet	3.2 Quiz 3.3 PowerNotes PPT Cell Size Blocks Rulers Calculators Cell Size Worksheets Cell Coloring/Matching
Sept. 30 100 mins. Oct. 1 (PSD)	Collect/Turn In: Cell Coloring/Matching worksheet Warm Up/Quiz: 3.2 Quiz Lecture: 3.4: Diffusion and Osmosis Activities/Lab: Osmosis Practice Diffusion Demonstration Homework: Finish Foldable	PPT Osmosis Worksheets Materials for Demo
Oct. 2/5 100 min (I am at PBHS on the 2 nd)	Collect/Turn In: Foldable Warm Up/Quiz: Sub/Osmosis quiz usually Lecture: 3.5: Active Transport, Endocytosis, Exocytosis Students were given 30 minutes to complete the notes and answer the Analysis Questions on the back of the paper Activities/Lab: UTube Video: Passive vs. Active Transport Osmosis Foldable Homework: Test Review Sheet, Osmosis Foldable	Osmosis Quiz Textbooks 3.5 Notes UTube video Osmosis Foldable Directions Paper Scissors Colors Test Review Sheet
Oct. 6.7 100 min.	Collect/Turn In: Warm Up/Quiz: Quick Review Lecture: Activities/Lab: Unit 2 Exam 4.1: Chemical Energy and ATP Students Complete Study Guide 4.1 Homework: Read Sections 4.1 and 4.2 in Text	Computers Textbooks 4.1 Study Guides

ESOL/ESE strategies used:

A1	B1	B8	B15	C2	C9	E2	E9	E16	E23	F4	
A2	B2	B9	B16	C3	D1	E3	E10	E17	E24	F5	G6
A3	B3	B10	B17	C4	D2	E4	E11	E18	E25	G1	G8
A4	B4	B11	B18	C5	D3	E5	E12	E19	E26	G2	G9
A5	B5	B12	B19	C6	D4	E6	E13	E20	F1	G3	G10
A6	B6	B13	B20	C7	D5	E7	E14	E21	F2	G4	G11
A7	B7	B14	C1	C8	E1	E8	E15	E22	F3	G5	