

**Unit Planner**  
 ATP & Photosynthesis

<b>Date</b>	<b>Day</b>	<b>Information Covered ~ Assignments ~ Homework Due</b>
Mon 12/5	A	ATP, ATP WS  <b>HW DUE: p216 Vocab (30)</b>
Tues 12/6	B	Introduction to Photosynthesis, Chlorophyll WS
Wed 12/7	C	Substitute: Finish Worksheets, Time to Work on Science Fair Project, Do Homework, etc.
Fri 12/9	E	Light Reaction, LR WS  <b>HW DUE: p203 #1-5 (10)</b>
Mon 12/12	F	Chromatography Activity (20) & Chromatography Lab (Formal Lab Report Due on 12/19/11)
Tues 12/13	G	Dark Reaction, DR WS
Thurs 12/15	A	C <sub>4</sub> /CAM, Review  <b>HW DUE: p207 #1-5, p213 #1-4 &amp; p214 #1-5 (30)</b>
Fri 12/16	B	Substitute: Quiz on Photosynthesis (50), Finish Worksheets (80)
Mon 12/19	C	Jeopardy  <b>HW DUE: Chromatography Lab (100)</b>
Wed 12/21	E	Test: ATP & Photosynthesis (200)
Thurs 12/22	F	Osmosis Jones (40)
Fri 12/23	G	<b>SF DUE: Logbook (60) &amp; First Set of Data/Analysis (70)</b> <i>HAPPY HOLIDAYS!!! Have a safe and relaxing vacation!</i>

**Essential Questions:**

What is the role of ATP in cellular activities?

Where do plants get the energy they need to produce food?

What happens during the light dependent and light independent reactions?

**Massachusetts Curriculum Frameworks:**

2.4 Identify the reactants, products, and basic purposes of photosynthesis and cellular respiration. Explain the interrelated nature of photosynthesis and cellular respiration in the cells of photosynthetic organisms.

2.5 Explain the important role that ATP serves in metabolism.