

**Unit Planner**  
 ATP & Photosynthesis

<b>Date</b>	<b>Day</b>	<b>Information Covered ~ Assignments ~ Homework Due</b>
Fri 12/2	H	Substitute: Introductory Worksheets (Energy in a Cell & What is a Plant?), Work on Homework <b><u>BRING TEXTBOOK</u></b>
Mon 12/5	A	Introduction to Photosynthesis, Chlorophyll WS <b>HW DUE: p247 Vocab - Sect 1&amp;2 (20)</b>
Tues 12/6	B	Chromatography Lab (Formal Lab Report Due on 12/12/11)
Thurs 12/8	D	ATP, ATP WS
Fri 12/9	E	Light Reaction, LR WS <b>HW DUE: p230 #1-6 (20)</b>
Mon 12/12	F	Dark Reaction, DR WS <b>HW DUE: Chromatography Lab (100)</b>
Wed 12/14	H	Review, Finish Worksheets (80) <b>HW DUE: p236 #1-6, p232 PS (20)</b>
Thurs 12/15	A	Review
Fri 12/16	B	Substitute: Quiz on Photosynthesis (50), Current Events Article: Green Gasoline (25), Video on Plants
Tues 12/20	D	Jeopardy
Wed 12/21	E	Test: ATP & Photosynthesis (200)
Thurs 12/22	F	<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.