

AP Bio REVIEW! Phew..

Name(s) _____

Choose from the following topics (textbook chapters are in parenthesis) and provide quality review for the class. This will count as a test grade similar to a project. A good power point presentation has many pictures and bullets of vocabulary to enhance the delivery of content information verbally. Each student should prepare and study ahead for the topic presented each day. **The quizzes will count towards 4th quarter average.**

<u>Topic:</u>	<u>Due Date:</u>
Evolution (22-26)	4/30
Ecology (51-55)	5/1
Cell structures, functions, mitosis, communication (6, 11, 12)	5/2
Chemistry (2, 3, 4, 5 enzymes)	5/3
Energetics (photosynthesis, respiration) (6.5 reactions, 7, 8, 9,10)	5/6
Genetics, meiosis (13-17) Biotech (18-21)	5/7
Plant Physiology (36, 38-39)	5/8
Animal Physiology: immunity, regulation, nervous, endocrine (40, 43, 45, 47.3, 48)	5/10

<u>Include:</u>	<u>Points:</u>
Lesson delivery and content (10-15 min).....	/10
Top 10 most difficult concepts list.....	/5
Visual Aide Power point.....	/10
3 examples relating topic to 2 of the Big Ideas.....	/15
Handout.....	/10
Review Game (5-10 min.).....	/10
Snack for the class related to topic.....	/5
 Total.....	 /65

Big Ideas: Use Enduring Understandings and key ideas from handout

1. The process of evolution drives the diversity and unity of life.
2. Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis.
3. Living systems store, retrieve, transmit and respond to information essential to life processes.
4. Biological systems interact, and these systems and their interactions possess complex properties