

Unit 3

Chapter 7 – The Flow of Energy: Photosynthesis and Respiration

SC.B.1.4.2 understand that there is conservation of mass and energy when matter is transformed.
SC.B.1.4.7 know that the total amount of usable energy always decreases, even though the total amount of energy is conserved in any transfer.
SC.F.1.4.2 know that body structures are uniquely designed and adapted for their function.
SC.F.1.4.4 understand that biological systems obey the same laws of conservation as physical systems.

STUDENT INSTRUCTIONS

1. Complete the first two sections of the KWL worksheet.
2. Read chapter 7, pages 140 - 156.
3. Demonstrate your understanding of the vocabulary words on page 159 by either writing a one sentence definition for the word, using the word in a sentence, or drawing a picture or diagram to explain the meaning of the word.
4. Answer the multiple choice questions on page 159 - 160.
5. Answer the constructed response questions on page 160.
6. Demonstrate your reading comprehension by reading the passage, "Flight Burns Less Fuel Than Stopovers" and then answering the questions on page 161.
7. Answer the Read, Think and Explain question in paragraph format.
8. Complete the last section of the KWL worksheet.
9. Ask your teacher for the open book test on Chapter 7.