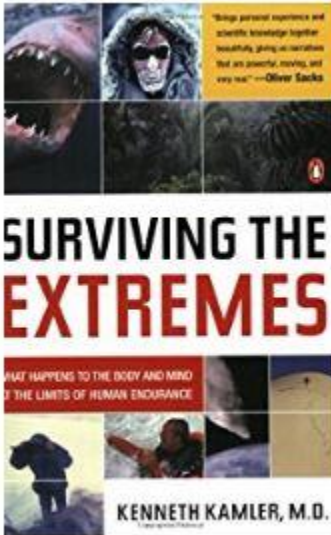


## Anatomy & Physiology Summer Reading Assignment

Mrs. Treacy

This assignment is worth up to 30 extra credit points on a unit test.



### Assignment

The book that you will be assigned this summer to read is “Surviving the Extremes” by Kenneth Kamler, M.D. Out of the seven chapters in the book, you will be asked to read four this summer: chapter on the Jungle, Desert, High Seas, and High Altitude. However, the remaining chapters will be read throughout the school year. It is also important that you understand that some of the chapters will also correspond with some of the work you will be doing in English and Chemistry in this upcoming year.

Your assignment that goes along with this reading is as follows (for each chapter):

1. Identify and describe the three main resources humans need for survival. Explain how these three resources interact with the following body systems to allow the human body to survive under normal environmental conditions?

- a. Body systems include: Respiratory system, Circulatory System, Digestive System, Excretory System, Muscular System, Urinary and Renal Systems, and Nervous System
  
2. Write a minimum of 2 paragraphs for each of the required chapters to thoroughly describing the environment and the environmental conditions the characters in the chapter finds themselves in
  
3. Identify the environmental conditions that pose health risks for each of the characters
  
4. For each health risk presented—write a brief description of the causes and physical  
a. symptoms, and suggestions for handling any of the symptoms
  
5. Suggestions for preventing injury—before, during, and after the adventure
  
6. Warnings about people who should NOT take part in this adventure