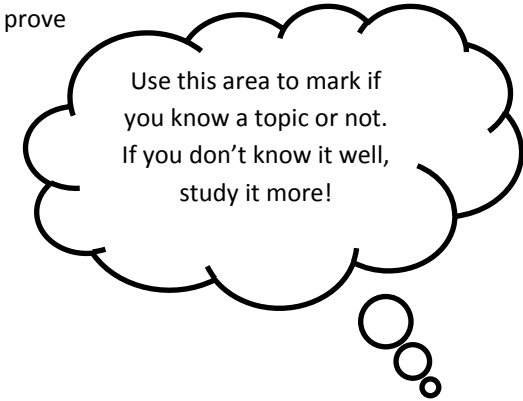


Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

**Body Works – Study Guide**

\*I will ask you to turn in/show me EVIDENCE that you studied. You MAY NOT retake the test or make corrections to the test if you do not prove you have studied in the first place.\*

**7.3.7 – Describe how various organs and tissues serve the needs of cells for nutrient and oxygen delivery and waste removal.**  
 (7.3.1 – living organisms are composed of one or more cells; 7.3.3 – multicellular organisms have specialized cells whose specialized functions are directly related to their structure; 7.3.3 – specialized tissues and organs within a multicellular organism.)



Use your investigation notes AND the textbook to help you find the following answers and other information. You can also use handouts, graded work or even the Internet. (NOTE: All activities are posted online).

Page in textbook	Question/topic:	Answers/information (descriptions, diagrams, examples, etc.)	I know this!	IDK? Study this!
	What are the <b>effects of alcohol</b> on a person's body? What body systems are affected?			
	What is <b>structure</b> ? What is <b>function</b> ? How are they related?			
	What are the human <b>body systems</b> ? What are the <b>functions</b> of these systems? *focus on the respiratory, digestive, and circulatory systems			
	What <b>organs</b> are parts of each system? What are the <b>functions of these organs</b> ? *focus on the respiratory, digestive, and circulatory systems			
*	How is the human body <b>organized</b> in terms of <b>body systems, cells, tissues and organs</b> ? What is the <b>relationship</b> among these structures in the human body?			
	What does the <b>liver</b> do for your body? (Why is it important that it works properly? What happens if it doesn't work properly?)			

Page in textbook	Question/topic:	Answers/information (descriptions, diagrams, examples, etc.)	I know this!	IDK? Study this!
*	What is the function of the <b>digestive</b> system? What organs are parts of the digestive system? What path does the food take as it travels through the digestive system?			
*	What is <b>mechanical breakdown</b> ? What is <b>chemical breakdown</b> ? Why are these two forms of breakdown important?			
*	What are <b>nutrients</b> ? Why are they important and how does your body <b>absorb</b> them?			
	What are the functions of your <b>bones</b> (why are bones important)? How could bones be considered an organ?			
	What is the function of your <b>muscles</b> ? How does is their shape specialized for their function?			
*	What are the organs and parts of the <b>respiratory</b> system? What does the respiratory system have to do with oxygen and carbon dioxide?			
*	What is the function of <b>blood</b> ? How does <b>it get to all parts</b> of the body?			
*	What are some of the <b>wastes</b> your body produces? How are they produced?			
	What organs in your body is there increased <b>surface area</b> ? What does this increased surface area allow those organs to do better?			