STUDENT GUIDE EXPLAIN 1 LESSON 10

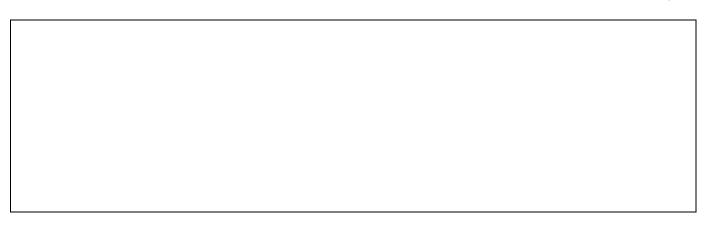




	Part 1: Our Motivation				
Record what we are now trying to explain about the Module Phenomenon.					
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6 7	Part 2: Developing an Explanation of Sweat and Temperature Changes During Exercise & Recovery				

Using the evidence gathered, construct an explanation as to why we get hot and sweaty during exercise. In your explanation, be sure to include the following:

- Use at least two sources of evidence obtained from the data sets and/or the Science Theater models in Module 2.
- Describe how you think exercise changes the body temperature conditions of the body, including temperature change and sweat.
- Describe how a negative feedback mechanism responds to body temperature change and brings body temperature back to a stable state.
- Describe how specialized cells in each organ contribute to the function of the system or organ.





Part 3: Updating the Class Models

We will update the Class Models to help explain the different experiences we have after exercise, including sweat. List 2-3 additions you would make to the class model in the space below. These may be:

- Organs and their function
- Specialized cells and their function
- Signals or molecules and where they move



Part 4: Asking New Questions

Individually brainstorm 5 questions that you still need to ask to gain clarity around the Module Questions, "Why do we get sweaty and thirsty after exercise? Why does the color of our urine change? How does milk help us recover from these effects?"

5 Questions: Why do we get sweaty and thirsty after exercise, and why does the color	1.
of our urine change?	2.
	3.
	4.
	5.
Share your list with a partner. Combine both list help you gain the most clarity around the Mode	ets and decide on the three best questions that would ule Questions. Write them in the space below.
3 Most Important Questions (partner consensus)	1.
	2.
	3.
Make a group of four. Share your questions wit to share with the class to gain clarity around th	th one another. Choose the best/most significant question e Module Questions.
Best Question (small group consensus)	