Name:		1. What role does the nervous system play in your ability to catch the ruler?	
	Human Body Decathlon		
Station 1:Pump It Up: The Heartbeat Challenge		2. If you repeated the experiment while distracted (ex: talking to someone	
How many o	cups of water did you transfer in one minute?	or listening to music), how do you think your results would change? Why?	
How does this change how you think about your heart pumping an average of 5 Liters per minute?		Station 5: Cardio Counts: Measure the Beat	
Station 2: The Digestive Dash: Peristalsis in Action		1. Resting Heart Rate (take heart rate for 15 seconds. Multiply the number by 4):	
1. What is the "chicken" representing in the lab?		2. Do 50 jumping jacks. Now record your new heart rate (take heart rate for 15 seconds. Multiply the number by 4):	
		3. How did your heart rate change after doing exercise?	
2. How do th	he digestive and muscular systems work together to move	Station 6: Bionic Grip	
food through your body?		1. What were some challenges you faced while using the bionic hand?	
<ul> <li>Station 3: Bubble Breath: The Geometry of the Lungs</li> <li>Measure the diameter of your popped bubble and record it here:</li> </ul>		<ul> <li>2. What are some ways you think the bionic hand could be improved? (What are some tasks you think it should be able to do, but can not?)</li> </ul>	
2. Do you running	think your bubble would be bigger/smaller/the same after a race?		
Station 4: Re	eflex Ruler! Test Your Nerves	Station 7: Balancing Act: Steady as You Go	
Height	Kesuits	1. How long were you able to balance?	
6 inches		2. What organ systems are interacting when you are balancing?	
12 inches			
24 inches			
36 inches			

Name:	
Human Body Decathlon	Station 9: Body Builders: The System Puzzle
	1. What parts of the body did you struggle with finding a place for?
Station 8: Immune Tag: Pathogens and Antibodies	
1. During the lab simulation game, what is the primary role of the white blood cells?	2. What organs or systems were you able to identify immediately?
<ul> <li>A) To infect as many cells as possible</li> <li>B) To avoid being tagged</li> <li>C) To tag pathogons and poutralize them</li> </ul>	Station 10: New a Delay The Signal Journey
D) To act as neutral players	Station 10: Nerve keldy: The Signal Journey
	1. What was the message you heard?
2. Which of the following systems works closely with the immune system to help protect the body from infections?	2. What was the original message?
<ul> <li>A) The Digestive System, by breaking down food into nutrients</li> <li>B) The Nervous System, by sending signals to muscles</li> <li>C) The Circulatory System, by transporting white blood cells throughout the body</li> </ul>	3. What systems are you using while playing this game?
D) The Respiratory System, by exchanging oxygen and carbon dioxide	
3. During the game, what strategies did the white blood cells use to suc- cessfully "tag" and neutralize the pathogens? Describe how this reflects the actual function of white blood cells in the human immune system.	
4. The immune system often works closely with the circulatory system to fight infections. How do white blood cells use the circulatory system to reach and protect different parts of the body from pathogens?	Reflection:
	1. What activity was your favorite, and why?