Body Systems Activity

The situations are below.

*Consider how the skeletal, muscular, nervous, circulatory, and respiratory systems work together.*

1. What happens in the body when a teammate kicks the ball to you during a soccer game and you kick it across the field and make a goal? Think about how many body systems are involved.

2. What happens in the body when you come home from school, smell cookies baking, run to the kitchen to see if they're done, and take one? You eat the whole cookie and drink a glass of milk. How many body systems are involved? What role does each play?

3. What happens in the body when you're studying for a math test? You're reading the problems, writing the answers, getting up to stretch, and talking to a friend on the phone. How are the body systems working together to complete these tasks?

4. What happens in the body when you're sleeping? Which systems are working?

Resources and the following Web sites:  
<http://www.stcms.si.edu/hbs/hbs_student.htm>  
<http://sln.fi.edu/biosci/systems/systems.html>  
<http://yucky.kids.discovery.com/noflash/body/pg000126.html>(focus is the digestive system)  
<http://www.worldinvisible.com/apologet/humbody/body.htm>  
<http://web.jjay.cuny.edu/~acarpi/NSC/14-anatomy.htm>

Write how the body systems are connected in each situation.

Include drawings showing these connections.

Share your group ideas.

How many body systems are involved in most of the activities?

What does that tell students about the human body?

What have you learned about the relationships among different systems in the body?