

Which Systems are Used? Instructions

Purpose: The purpose of this activity is for student to understand that all body systems work together to keep our body and its cells alive and healthy.

Materials:

System Name Cards (one copy for each group of students)

Scenarios (one copy for the teacher to read)

Procedure:

1. Prepare one set of system name cards for each group.
2. Divide the class into groups of 7 students (one student for each body system studied). If there is not the exact number of students to equally divide by 7, the eighth student could be the spokesman for the group, or one student may have two systems to discuss. Alterations should be made so that all students can actively participate.
3. Read one scenario.
4. Students in the group will discuss the scenario and decide which body systems are being used. All members of the group should participate in the discussion. Individual students should explain if and how their specific system is used.
5. When the group comes to consensus as to which systems are being used, the cards representing these systems are selected.
6. On a signal from the teacher, the groups hold up their selected systems for the class to view.
7. Ask individual students to justify why they are holding the specific card.
8. Accept any reasonable explanation.
9. Repeat items 3 – 8 until all scenarios have been discussed.
10. Remember to call on different students during the activity so all students have an opportunity to participate.

Which Systems are Used?
System Name Cards

Digestive System	Circulatory System
Nervous System	Respiratory System
Excretory (Urinary) System	Skeletal System
Muscular System	

Which Systems are Used? Scenarios

Possible body systems are listed, however other systems could be accepted depending on how the student explained the involvement of the system.

1. I've got to (ah – ah – ah – choo) sneeze. – *respiratory, nervous, muscular*
2. “Ouch!” I yell. “That bee just stung me”. – *respiratory, nervous, muscular*
3. Drinking this cola makes me cold. – *muscular, digestive, nervous, urinary/excretory*
4. I cut myself. Now I'm bleeding. – *circulatory, skeletal, nervous, muscular*
5. I'm eating some really hot soup. – *muscular, digestive, nervous, urinary/excretory*
6. I am singing in the shower. – *respiratory, muscular, nervous*
7. Please wait for me. I need to run to the bathroom. – *muscular, skeletal, nervous, urinary/excretory, respiratory*
8. I had the flu, but I'm better now. – *nervous, muscular, circulatory, skeletal(makes white blood cells)*