



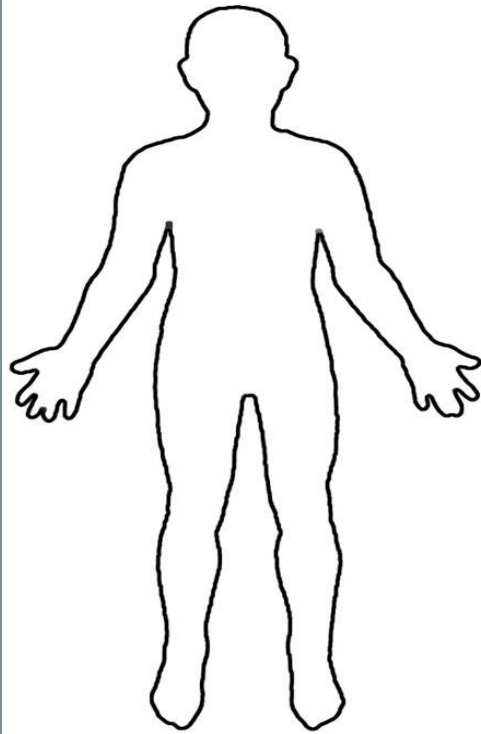
Body Systems



Learning Goals

By the end of this lesson students will be able to:

- Locate the organs of a specific system within the human body
- Describe the interaction of systems in the human body
- Explain why these organ system interactions are necessary for survival
- Explain the general function of the 7 organ systems in the human body



This will serve as the outline for your illustration of one of the major human organ systems.

INSTRUCTIONS:
On a 6 foot length of paper draw/trace the outline of one of your group members.

Types of Organ Systems

1. Respiratory System
2. Circulatory System
3. Digestive System
4. Nervous System
5. Excretory System
6. Musculoskeletal System
7. Reproductive System

Instructions:

Draw and Label:

1. Draw, label and colour the major organs that comprise your system onto the outline you've traced. You must note their physical appearance and location within the body.

Online Padlet Written Report:

1. Explain what your organ system is and what its function is within the body. (What does it do?)
2. Explain what the major organs and tissues do in your system and how they work together.
3. Why is your organ system important?

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Password: OrganSystem

Presentation:

1. Each group must give a 5 minute presentation to the class using their drawing as a visual and answers to the questions.

Systems Within the Body

Determine which organ systems are working together in each of the following scenarios.



Which organ systems are working together here?

When you run, you begin to breathe heavier and faster. Your heart beats more quickly, bringing more oxygen to your cells.



Which two organ systems are working together to raise the weights?

When you lift weights, your arms bulge and your brain signals them to lift despite the resistance.



Which organ systems are working together in this scenario?

When you finish exercising, you are hot, tired, and sweating. After a bottle of juice, you feel a lot better.

Homework

- Copy down the other groups information about each of the 7 organ systems