

The Human Body System

Compiled by: Nancy Volk

Read: "The Magic School Bus: Inside the Human Body" by Joanna Cole

Watch the movie: "The Magic School Bus: Inside the Human Body" by Joanna Cole

Activity instructions:

You will work with a partner on the following project. Research the body system that your teacher provided for your team.

- 1 One of you will start by laying down on the large white paper with your arms and legs spread out.
- 2 The other student will trace around the outline with a black marker.
- 3 Change places and roles using a new sheet of white paper.
- 4 You should each have an outline of yourself on the large white paper. Cut out your outline and place your names on the back side of the paper.
- 5 Given the specific human body system you are working with, research the major organs in this system. List the main functions of your system.
- 6 Check your work with your instructor.
- 7 Once your work has been accepted by your instructor, place the main organs in your system on your outline of the human drawing. You can use items to glue on to the outline or draw in the organs. Use magazines to assist with images.
- 8 Be prepared to explain your human body system parts to your classmates.

MOST*

VOCABULARY:

Circulatory system

Digestive system

Endocrine system

Excretory system

Immune system

Lymphatic system

Muscular system

Nervous system

Skeletal system

Reproductive System

Respiratory system

MATERIALS:

Large scrolls of paper

Black markers

Scissors

Magazines

Inside This Packet

Activity 1:

The Human Body System 1

New York State Standards 2

Students will be able to:

Identify the main organs in their body system and explain their function.

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Notes:

Teacher Notes:

Use one of the human body systems for this activity or break the class into pairs and work on all the body systems: respiratory system, digestive system, nervous system, excretory system, immune system, skeletal system, muscular system, circulatory system, endocrine system, reproductive system and the lymphatic system.

New York State Elementary Standards

Communicating, comparing and contrasting, creating models, gathering and organizing data, manipulating materials

Standard 1: Scientific Inquiry:

Key Idea 3: s3.1a, s3.3

Standard 2: Information Systems:

Key idea 1

Standard 6: System Thinking: Key Idea 1, Key Idea 2

Skills and Strategies for Interdisciplinary Problem Solving:

Working effectively, gathering and processing information, presenting results

General Skills:

I, iii, iv, v, ix, xii, xiii, xxiii

Standard

4: Living Science:

Key Idea 1: 1.2a, Key Idea 3: 3.1a