

Title:	Body Systems 2012	
Grade(s):	4-5	
Subject(s):	Science	
Author:	Powers, Hyde, Mitchell	
Overview:	The class will learn about tissues, organs, and the major organ systems of our body. They will use technology presentations to share the information they have learned.	
Content Standards:	Sci (4)	6.1 Describing the organization of cells into tissues, organs, and organ system.
	Sci (5)	8. Identify major body systems and their functions, including the circulatory system, respiratory system, excretory system, and reproductive system.
	TC (3-5)	2. Use various technology applications including word processing and multimedia software.
	TC (3-5)	12. Create a product using digital tools.
Local/National Standards:		
Primary Learning Objectives:	Students will learn the major function of each body system and which organs are included in each system. Using Prezi, the students will create a presentation about the human body and its components.	
Additional Learning Objectives:		
Approximate Duration of Lesson:	Several 1 hour sessions <ul style="list-style-type: none"> • Steps 1 & 2 will be about 1 hour in length. • Step 3 will be 1 hour in length. • Each class session for Steps 4 & 5 will be 45 minutes to an hour in length as needed. 	
Materials and Equipment:	Computer, Science books, reference books, Internet, Science journals	
Technology Resources Needed:	Internet, classroom Prezi account	
Background/Preparation:	Prezi account set up (See Prezi Guide)	
Procedures/Activities:	Step 1	The teacher will introduce the topic of the Human Body. He/she will review what cells are and how they make up tissues and organs. Be sure to discuss these terms: <ul style="list-style-type: none"> • Cell • Tissue • Organ • Organ System
	Step 2	The teacher will list the major organ systems on the board. The students will be divided into groups (2-3 students per group is suggested), and each group will select one system from below to



research. They will need to determine the major function of each system and which organs are included in that system. Be sure to include each organ, tissue, and cell type for each system.

- Skeletal system
- Circulatory system
- Respiratory system
- Excretory system
- Muscular system

[THIS WOULD BE A GREAT PLACE TO STOP FOR DAY 1]

Step 3 Groups will use their Science books, reference books, and the Internet to research their particular organ system. They will record notes in their Science journals.

[THIS WOULD BE A GREAT PLACE TO STOP FOR DAY 2]

Step 4 After taking notes, the groups will move to the computers to make a Prezi presentation about their organ system. They will include the information they found during their research, plus pictures.

Step 5 After several class periods of computer time, the students will present their Prezis to the class. A rubric will be used to assess their work. Prezis should have zooming effects that convey the spatial relationship between the different components of body systems.

Attachments:

- Assessment rubric
http://rubistar.4teachers.org/index.php?screen=ShowRubric&module=Rubistar&rubric_id=2201422&

Assessment Strategies:

See the attached links/files.

Extension:

For students who finish early, they may choose to do further research on cells, including the two types. This information can be shared in a Prezi or a blog.

Remediation:

Students will be shown a sample Prezi on the body that they can use as a guide. Students with learning needs will have peer helpers within their groups.
<http://prezi.com/eosjkzggcl9x/body-systems/>