Human Body Study Guide

Study Interactive Notebook Pages 37-50 & Human Body Book

Visit [www.msrayscience.com](http://www.msrayscience.com) for all Power Points and Prezi Presentation Notes

Vocabulary

* Homeostasis
* Cells
* Tissue
* Organ
* Organ Systems
* Cellular Respiration

How life is organized from simple to complex

* Cells>Tissue> Organs> Organ Systems> Organisms

The four types of tissue

1. Epithelial Tissue

2. Muscle Tissue

3. Connective Tissue

4. Nervous Tissue

The twelve organ systems- organs used, function, and why it’s important.

1. The Cardiovascular/ Circulatory System

* Organs used- Heart, Veins, Blood Vessels, Blood
* Function- transports materials to cells and wastes away from cells.

3 types of blood cells

1. Red blood cells- delivers nutrients and oxygen to the cells.
2. White blood cells- fights germs and viruses
3. Platelets- helps blood clot

* Important- Without the circulatory system blood and nutrients would not be able to travel to cells and throughout the body.

2. The Immune System

3. The Reproductive System

4. The Digestive System

5. The Muscular System

6. Integumentary System

7. The Excretory/ Urinary System

8. The Endocrine System

9. The Skeletal System

10. The Nervous System

11. The Respiratory System

What is cellular respiration? Why is it important?