

Human Body Systems Book

This is an **in class, individual** project- not a group project. Your textbook, paper, net book, colored pencils and anything else needed to fit the requirements of the project should be brought to class each day.

You are to use only ONE mini sheet of paper per page. Therefore, you may need to write and draw small.

Your book must include:

Page 1: Name of the book

Page 2: Table of Contents (look at your Biology book for an example)

Page 3: Integumentary System (pg. 933)

- Draw a picture, label the parts.
- What are the functions of the integumentary system?
- How does the integumentary system help maintain homeostasis?

Page 4: Skeletal System (pg. 921)

- Draw a picture, label the parts
- What is the function of the Skeletal system?
- How do bones store minerals?
- How does the Skeletal System help maintain homeostasis?

Page 5: Muscular System (pg. 926)

- Draw and name the three types of muscles
- Describe muscle strength and exercise
- How does the Muscular System help maintain homeostasis?

Page 6: Digestive System (pg. 978)

- What are the functions of the digestive system, draw and label it.
- What happens when you chew?
- What chemicals are used to digest food?
- Draw Nutrition pyramid
- Describe the vital nutrients
- How does the Digestive System help maintain homeostasis?

Page 7: Endocrine System (pg. 997)

- Describe the endocrine system, draw and label it.
- What is negative feedback?
- What is positive feedback?
- How do adrenal glands play a role in your body for stressful situations?
- How does the Endocrine System help maintain homeostasis?

Page 8: Nervous System (pg. 897)

- What are the basic parts of the nervous system, draw it and label it?
- How does the Nervous System help maintain homeostasis?

Page 9: Sensory System (pg. 906)

- Describe how you are able to smell
- Describe sensing light
- Describe sense of hearing
- Describe your sense of balance
- Describe your sense of touch
- How does the Sensory System help maintain homeostasis?

Page 10: Respiratory System (pg. 956)

- Draw and label the respiratory system.
- How does the Respiratory System help maintain homeostasis?

Page 11: Circulatory System (pg. 943)

- Draw and label the parts of the circulatory system.
- What are the components of blood?
- How does the circulatory system help maintain homeostasis?

Page 12: Urinary System (pg. 985)

- Draw and label the excretory system.
- What is the importance of your kidney?
- What is the filtering unit of the kidney?
- How is the urinary system related to homeostasis?

EXTRA CREDIT: 10 points

Page 13: Over and beyond... make a list of 10 Who/What am I questions.

Example: I protect you by keeping water in and foreign particles out. What am I?