

**GOAL:** Create a *colorful*, *organized* and *informative* book about TEN (10) body systems.

**BODY SYSTEMS:**

1. **Skeletal** (2 pages)
   1. Describe the function of the system
   2. Labeled diagram of the system
   3. Labeled drawings of the 3 types of joints
   4. Function of bone marrow
2. **Muscular** (2 pages)
   1. Describe the function of the system
   2. Labeled diagram of the system
   3. Identify the 3 types of muscle and examples of where it is located
3. **Cardiovascular** (2 pages)
   1. Describe the function of the system
   2. Labeled diagram of entire system
   3. Labeled diagram of the heart and direction of blood flow
   4. Labeled diagram of arteries, capillaries and veins
   5. Blood
      1. Describe the function
      2. Identify and explain the 4 components of blood
4. **Respiratory** (2 pages)
   1. Describe the function of the system
   2. Labeled diagram of system
      1. Trace path of air flow from nose 🡪 capillaries
      2. Draw arrows showing oxygen (O2) and carbon dioxide (CO2) exchange at capillaries
5. **Nervous** (2 pages)
   1. Describe the function of the system
   2. Labeled diagram of nervous system including the brain, central nervous system and the peripheral nervous systems
   3. Identify the function of the peripheral nervous system and draw a labeled diagram of a neuron
   4. Identify the function of the central nervous system and draw a labeled diagram of the 3 main parts of the brain; cerebrum, cerebellum, medulla
6. **Integumentary** (1 page)
   1. Describe the function of the system
   2. Labeled diagram of receptors in the skin
   3. List the types of stimulus the receptors respond to
7. **Digestive** (1 page)
   1. Describe the function of the system
   2. Labeled diagram showing the path of food through the body
8. **Lymph** (1 page)
   1. Describe the function of the system
   2. Labeled diagram of system including lymph nodes
9. **Endocrine** (1 page)
   1. Describe the function of the system and define a hormone
   2. Labeled diagram of system including hormone glands
10. **Reproductive** (2 pages)
    1. Describe the functions of the male and female reproductive systems.
    2. Label diagrams of the male and female reproductive systems.

NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BLOCK \_\_\_\_\_\_\_\_ FINAL DUE DATE

**HUMAN BODY SYSTEMS BOOK GRADING RUBRIC**

You will be given time in class to work on your book. Please do not forget it and be prepared to use class time wisely. The first 3 body systems (skeletal, muscular and cardiovascular) will be due on \_\_\_\_\_\_\_\_\_\_\_ at the beginning of class. The complete book with all10 body systems is due \_\_\_\_\_\_\_\_\_. LATE projects will lose 10 points (one letter grade) for EACH DAY it is late.

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| --- | --- | --- | --- |
| **CATEGORY** | **DESCRIPTION** | **POINTS** | **YOUR SCORE** |
| **COVER** | title, color picture of YOU, name | 5 |  |
| **OVERALL PRESENTATION** | Neat appearance, organized layout, easy to read text, correct spelling and grammar | 15 |  |
| **For each BODY SYSTEM:**   * Title * Function * Diagrams with student-made labels * All required info outlined above * Easy to read information | Skeletal | 10 |  |
| Muscular | 10 |  |
| Cardiovascular | 10 |  |
| Respiratory | 5 |  |
| Nervous | 10 |  |
| Integumentary | 5 |  |
| Digestive | 5 |  |
| Lymph/Endocrine | 10 |  |
| Reproductive | 10 |  |
| **EXTRA CREDIT** | Table of contents with page#s | 3 |  |
| Creative theme and/or cartoon narrator | 2 |  |
| **TOTAL** | | **100** |  |

\*\*Attach this to the back cover of Human Body Systems Book to receive a grade. \*\*