Chapter 11: Movement and Coordination

SKELETAL SYSTEM
## VOCABULARY - {PAGES 266 - 271}

<table>
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<th>VOCABULARY WORD</th>
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<th>EXAMPLE</th>
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</table>
Chapter 11: Movement and Coordination

What are the 3 types of muscles and their responsibility in the body.

____________________:  _______________________________________________
____________________:  _______________________________________________
____________________:  _______________________________________________

What connects our bones and muscles all together?

____________________:  _______________________________________________
____________________:  _______________________________________________
____________________:  _______________________________________________

There are 5 types of joints in the body that allow our bones to move.

____________________:  _______________________________________________
____________________:  _______________________________________________
____________________:  _______________________________________________
____________________:  _____________________________________________
____________________:  _______________________________________________

SKELETAL SYSTEM QUIZ: BE ABLE TO LABEL A BLANK SKELETON and DEFINE AND ANSWER QUESTIONS ON VOCAB

BE READY FOR THE SKELETON RELAY AND TO TIE BONES IN KNOTS 😊
THE BRAIN

Cerebrum
Controls functions such as movement, speech, and abstract thought

Cerebellum
Coordinates movement and balance

Brain Stem
Midbrain
Reacts to loud noises, bright lights, and other stimuli
Pons
Involved in the control of breathing and coordinating information
Medulla
Controls heart rate, blood pressure, swallowing, and other automatic functions
THE CENTRAL AND PERIPHERAL NERVOUS SYSTEMS

**Nervous System:** your nervous system receives information about what is going on inside and outside of your body. Then it processes the information and forms a response.

**Central Nervous System:** the central nervous system is the CONTROL CENTER of the body. The six main parts are the brain, spinal cord, cerebrum, cerebellum, spinal cord, and brain stem.

  - Brain: _________________________________________________________________________________
  - Spinal Cord: ____________________________________________________________________________
  - Cerebrum: ______________________________________________________________________________
  - Cerebellum: ______________________________________________________________________________
  - Brain Stem: ______________________________________________________________________________

**Peripheral Nervous System:** the peripheral nervous system carries information to the nervous system and carries responses back to the rest of the body.

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**QUIZ ON MUSCLES AND NERVOUS SYSTEM** – BE ABLE TO LABEL THE MUSCLES ON THE BODY AND FUNCTIONS OF THE NERVOUS SYSTEM - NO NOTES!
The Cardiovascular System

Functions of the Cardiovascular System

- 
- 
- 

The 3 main parts of the Cardiovascular System

THE HEART

BLOOD FLOW THROUGH THE HEART
Below is a diagram of the heart.

Below is a picture of a heart. Some of the structures of the heart have been labeled.

Label the right ventricle, the left ventricle, the right atrium and left atrium.

Using bright red to indicate oxygenated blood and dark red for deoxygenated blood, please also color in the heart.

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THE HEART

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Below is a diagram of the heart.

Below is a picture of a heart. Some of the structures of the heart have been labeled.

Label the right ventricle, the left ventricle, the right atrium and left atrium.

Using bright red to indicate oxygenated blood and dark red for deoxygenated blood, please also color in the heart.
BLOOD VESSELS

Types of Blood Vessels (pg 294 – 295)

__________________________  :  _________________________________________________________________

__________________________  :  _________________________________________________________________

__________________________  :  _________________________________________________________________

Blood: ___________________________________________________________________________________________

__________________________________________________________________________________

<table>
<thead>
<tr>
<th>4 COMPONENTS OF BLOOD</th>
<th>FUNCTION</th>
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<tbody>
<tr>
<td>PLASMA</td>
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<tr>
<td>RED BLOOD CELLS (rbc’s)</td>
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</tr>
<tr>
<td>WHITE BLOOD CELLS (wbc’s)</td>
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<tr>
<td>PLATELETS</td>
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</table>
The Respiratory System

Draw a picture of how you think the Respiratory System looks based on the information that you know.
Chapter 12: Cardiovascular and Respiratory Health

The Respiratory System

**THE PATHWAY OF THE RESPIRATORY SYSTEM**

1. ____________________________________
2. ____________________________________
3. ____________________________________
4. ____________________________________
5. ____________________________________
6. ____________________________________

**PATHWAY OF CARBON DIOXIDE**

1. ____________________________________
2. ____________________________________
3. ____________________________________
4. ____________________________________
5. ____________________________________
6. ____________________________________

**QUIZ ON CARDIOVASCULAR SYSTEM AND RESPIRATORY SYSTEM - BE ABLE TO LABEL SYSTEMS AND KNOW THE FUNCTIONS - NO NOTES!**