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| 1. Neurons | **Specialized cells ; receive and send information in the form of electrical impulses.** | 6. Cardiac Muscles | **Found only in the heart; cardiac muscles are involuntary**  **\*This keeps the heart beating.** |
| 2. Nervous System | **This system receives and processes information, and it controls how the body reacts and moves.** | 7. Skeletal Muscles | **Voluntary Muscles;**  **Attached to the bones;**   * **help shape the body and protect its internal organs** |
| 3. Skeletal System | **This system provides shape and support, protects tissues and organs, and lets the body move.**  **In addition, blood cells are made inside many bones.**  **\* Bones, ligaments, and tendons make up this system** | 8. Tendons | **Tough tissues that connect muscles to bones** |
| 4. Muscular System | **This system works w/ the skeletal system to allow vertebrates to move around freely.** | 9. Ligaments | **Stringy tissues that hold bones together** |
| 5. Smooth Muscles | **Involuntary muscles; they contract w/o your conscious control**  **Control:**  **\* breathing**  **\* blood pressure**  **\* digestive system** | 10. Cartilage | **Cushions between bones** |