

**Human Body Systems Matching – Activity Cards**

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| **FUNCTION (S)**: Breaks down food into its nutrient molecules; absorbs nutrients; rids the body of waste. | **KEY STRUCTURES:**   * Kidney * Bladder * Ureter   Urethra | **FUNCTION (S)**: Protects and supports body organs; provides a framework the muscles can use to cause movement; stores minerals. |
| **KEY STRUCTURES:**   * Skin * Hair * Nails | **FUNCTION (S)**: Moves the body and moves substances around the body; maintains posture; produces heat. | **KEY STRUCTURES:**   * Lymph nodes * Spleen * Thymus * Bone marrow |
| **FUNCTION (S)**: Responds to internal and external changes by activating an appropriate response; processes information. | **KEY STRUCTURES:**   * Heart * Blood vessels (veins, arteries, and capillaries) | **FUNCTION (S)**: Secretes hormones that regulate processes such as growth, reproduction, and metabolism by body cells. |
| **KEY STRUCTURES:**   * Lungs * Nasal cavity * Trachea * Bronchus | **FUNCTION (S)**: Pumps blood around body; transports oxygen, carbon dioxide, nutrients, and waste. | **KEY STRUCTURES:**   * Brain * Spinal cord * Sensory receptors * Nerves |

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| **FUNCTION (S)**: Assists with gas exchange with the external environment; keeps blood supplied with oxygen and removes carbon dioxide. | **KEY STRUCTURES:**   * Adrenal gland * Pituitary gland * Ovary * Testis | **FUNCTION (S)**: Filters fluid in the body; mounts the attack against foreign substances in the body. |
| **KEY STRUCTURES:**   * Skeletal muscle * Cardiac muscle * Smooth muscle | **FUNCTION (S)**: Eliminates waste from the body; regulates water balance of the blood. | **KEY STRUCTURES:**   * Oral cavity * Esophagus * Stomach * Small intestine * Large intestine * Liver |
| **FUNCTION (S)**: Forms the body’s external covering; protects deeper tissue from injury; helps regulate body temperature. | **KEY STRUCTURES:**   * Bones * Joints |  |

Cut out sets of the 20 cards and place each set in an envelope or plastic bag. Alternatively, have the students complete the cutting before they begin the exercise.