

**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
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| **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
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| **FUNCTION (S)**: Forms the body’s external covering; protects deeper tissue from injury; helps regulate body temperature. | **KEY STRUCTURES:** * Bones
* Joints
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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.