

# INTRODUCTION

The lessons in this book are based on essential vocabulary pertaining to specific systems of the human body. These include the circulatory, digestive, excretory, muscular, nervous, reproductive, respiratory, and skeletal systems. Students gain practical knowledge about the functions of the various body systems and become familiar with 120 relevant words while practicing basic skills in reading, comprehension, word definition, spelling, and writing.

Activity pages include writing definitions, categorizing, matching, answering questions, completing sentences, puzzles, and more. A glossary of terms unique to each system is accompanied by an accurate illustration to enhance comprehension. A separate vocabulary list serves as a useful reference tool. An answer key is included.

This book was designed for use in grades 4-8

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# VOCABULARY LIST

abdomen	hip	red blood cells
Adam's apple	hip bone	reproduce
ankle	inhale	reproduction
arm	inner ear	reproductive system
arteries	involuntary muscle	respiratory system
backbone	iris	rib cage
bladder	joint	ribs
blood	kidneys	saliva
blood vessels	knee	semicircular canals
brain	kneecap	sensory
carbon dioxide	knuckle	sensory nerves
cartilage	large intestine	shoulder
cell	leg	skeletal muscle
cell wall	lens	skeleton
cerebellum	ligament	skin
chest	lip	skull
chin	liver	small intestine
circulatory system	lungs	smooth muscle
dermis	marrow	sperm cells
diaphragm	medulla	spinal cord
digest	middle ear	stomach
digestive system	motor nerves	sweat
ear	muscle	sweat glands
eardrum	muscular system	taste buds
egg cell	nail	tears
embryo	navel	tendon
epidermis	neck	thigh
excretory system	nerve cells	tissue
exhale	nervous system	toe
eye	nose	tongue
eyebrow	nucleus	tooth
eyelash	optic nerve	umbilical cord
face	organ	urine
fertilize	pancreas	uterus
finger	perspiration	veins
foot	plasma	vertebrae
forehead	pore	voluntary muscles
glands	protoplasm	white blood cells
gums	pulse	windpipe
hair	pupil	wrist
heel	rectum	

Name \_\_\_\_\_

The human body is made up of eight systems. A system is a group of organs that work together to do the same job.

Below you will see the job done by each body system. Listed under each system are names of organs or important words to know about how the body works.

**DIRECTIONS:** Use the glossary to write the meaning of the words. The diagrams on each glossary page will help you, too.

**MUSCULAR SYSTEM:**

The system made of groups of muscles that move the body.

- 1. skeletal muscle \_\_\_\_\_
- 2. smooth muscle \_\_\_\_\_
- 3. voluntary muscle \_\_\_\_\_
- 4. involuntary muscle \_\_\_\_\_
- 5. tendon \_\_\_\_\_

**SKELETAL SYSTEM:**

The system made by the bones of the body that give shape and help the body move.

- 1. backbone \_\_\_\_\_
- 2. skull \_\_\_\_\_
- 3. ribs \_\_\_\_\_
- 4. joint \_\_\_\_\_
- 5. ligament \_\_\_\_\_
- 6. cartilage \_\_\_\_\_
- 7. marrow \_\_\_\_\_

**DIRECTIONS:** Use the glossary to write the meaning of the words. The diagrams on each glossary page will help you, too.

**NERVOUS SYSTEM:**

The system of the body that sends and receives messages.

- 1. brain \_\_\_\_\_
- 2. nerve cells \_\_\_\_\_
- 3. spinal cord \_\_\_\_\_
- 4. sensory nerves \_\_\_\_\_
- 5. motor nerves \_\_\_\_\_

**RESPIRATORY SYSTEM:**

The breathing system of the body.

- 1. lungs \_\_\_\_\_
- 2. windpipe \_\_\_\_\_
- 3. diaphragm \_\_\_\_\_
- 4. oxygen \_\_\_\_\_
- 5. carbon dioxide \_\_\_\_\_

**DIGESTIVE SYSTEM:**

The system which changes food so that it can be used by the body.

- 1. mouth \_\_\_\_\_
- 2. saliva \_\_\_\_\_
- 3. stomach \_\_\_\_\_
- 4. small intestine \_\_\_\_\_
- 5. large intestine \_\_\_\_\_

**DIRECTIONS:** Use the glossary to write the meaning of the words. The diagrams on each glossary page will help you, too.

**CIRCULATORY SYSTEM:**

The system which carries blood around the body.

1. plasma \_\_\_\_\_
2. veins \_\_\_\_\_
3. arteries \_\_\_\_\_
4. heart \_\_\_\_\_
5. white blood cells \_\_\_\_\_
6. red blood cells \_\_\_\_\_

**EXCRETORY SYSTEM:**

The system which takes waste out of the body.

1. kidneys \_\_\_\_\_
2. bladder \_\_\_\_\_
3. pores \_\_\_\_\_
4. sweat \_\_\_\_\_
5. liver \_\_\_\_\_
6. urine \_\_\_\_\_

**REPRODUCTIVE SYSTEM:**

The system by which humans make more of their own kind.

1. egg cell \_\_\_\_\_
2. sperm cell \_\_\_\_\_
3. uterus \_\_\_\_\_

**DIRECTIONS:** Put the words from the box under their correct systems. Use what you have learned on pages 1, 2, and 3 to help you.

intestine	backbone	windpipe
bicep	tendon	mouth
tricep	ligament	lungs
cartilage	stomach	diaphragm



**SKELETAL SYSTEM**

**DIGESTIVE SYSTEM**

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**RESPIRATORY SYSTEM**

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**MUSCULAR SYSTEM**

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1. Which two of these systems move the body?

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2. Which two of these systems give the body food and oxygen?

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3. Now, group the words in the box by syllables.

**ONE SYLLABLE**

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**THREE SYLLABLES**

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**TWO SYLLABLES**

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4. There are two compound words in the box. Write them on the lines.

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