

The Human Body Systems

Name: _____ Grade & Section: _____ Date: _____ Score: _____



Match the organ to its body system

Write the letter of the correct body system on the line. Some letters are used more than once.

A. Circulatory

B. Respiratory

C. Digestive

D. Musculoskeletal

E. Excretory

F. Integumentary

G. Nervous

H. Reproductive

1. _____ Kidneys

6. _____ Lungs

2. _____ Brain

7. _____ Skull

3. _____ Heart

8. _____ Spinal cord

4. _____ Small intestine

9. _____ Ovaries

5. _____ Skin

10. _____ Stomach



Fill in the blanks

Choose the correct word from the box. Two words will not be used.

alveoli

clot

epidermis

heart

kidneys

ligaments

nerves

small intestine

tendons

veins

1. The _____ pumps blood throughout the body.
2. Gas exchange happens in tiny air sacs called _____ .
3. Most nutrients are absorbed in the _____ .
4. _____ connect muscles to bones.
5. The _____ filter waste from the blood and make urine.
6. The thin outer layer of the skin is the _____ .
7. _____ carry messages between the brain and the rest of the body.
8. Platelets help the blood to _____ and stop bleeding.

C Think and explain

Answer in complete sentences.

1. When you run, you breathe faster and your heart beats faster. Which two body systems are working together? Explain why.

2. You touch a hot pan and pull your hand away before you even think. Which two systems help you do this?

3. After you eat lunch, how do the nutrients from your food reach your body cells?

4. Name two organs that remove waste from the body, and say what waste each removes.

D Keep your body healthy

Write one healthy habit for each body system.

Body system	One healthy habit
Circulatory	
Respiratory	
Digestive	
Nervous	
Integumentary	

**PLAY THE GAME****Bio Bump: Body Systems Arcade**

Scan the code or visit aral-tayo-bio-bump-body-systems.netlify.app to review the body systems in a free arcade game.

For teachers and parents. Accept answers that show the same idea in the learner's own words.

A Matching

- | | |
|---|-------------------------------------|
| 1. Kidneys: E. Excretory | 6. Lungs: B. Respiratory |
| 2. Brain: G. Nervous | 7. Skull: D. Musculoskeletal |
| 3. Heart: A. Circulatory | 8. Spinal cord: G. Nervous |
| 4. Small intestine: C. Digestive | 9. Ovaries: H. Reproductive |
| 5. Skin: F. Integumentary | 10. Stomach: C. Digestive |

B Fill in the blanks

- | | |
|--------------------|--------------|
| 1. heart | 5. kidneys |
| 2. alveoli | 6. epidermis |
| 3. small intestine | 7. Nerves |
| 4. Tendons | 8. clot |

C Sample answers

1. Respiratory and circulatory. The lungs take in more oxygen, and the heart pumps it faster to the working muscles.
2. Nervous and musculoskeletal (muscular). Nerves send a quick danger message, and muscles pull the hand away.
3. The digestive system breaks the food down, the small intestine absorbs the nutrients, and the blood (circulatory system) carries them to the cells.
4. Any two: kidneys (urine), lungs (carbon dioxide), skin (sweat with water and salts).

D Sample habits

- **Circulatory:** Exercise often; eat less salty and fatty food.
- **Respiratory:** Avoid smoke; cover coughs and sneezes.
- **Digestive:** Eat fruits and vegetables; drink enough water.
- **Nervous:** Get enough sleep; wear a helmet when biking.
- **Integumentary:** Bathe daily; use sunscreen or stay in the shade.