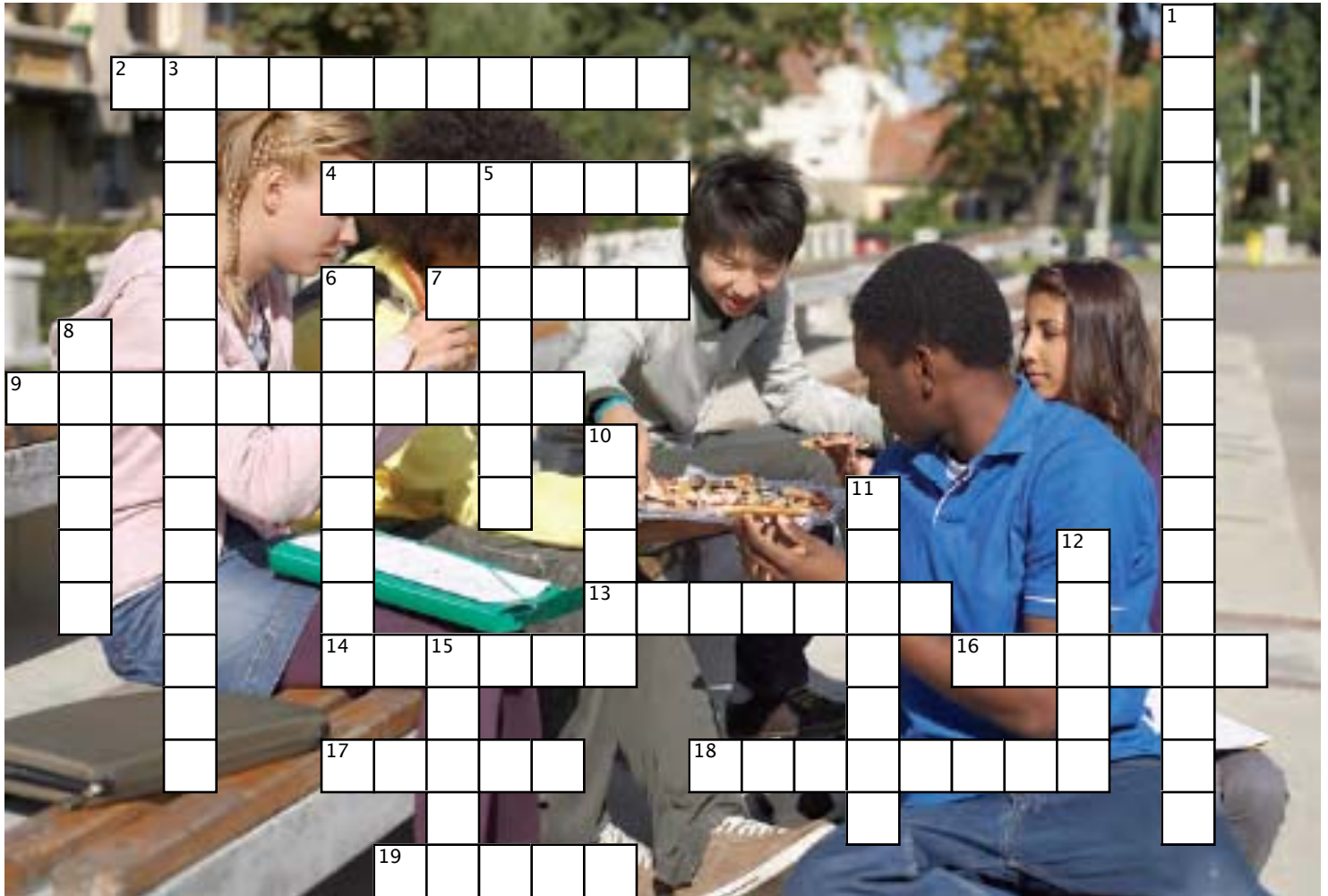


2.3 Interdependent Organ Systems



Across

2. Your doctor can determine how well your _____ system is working by checking your pulse and blood pressure.
4. Exercise causes an increase in the flow of blood so that more oxygen is delivered to the _____.
7. _____ delivers oxygen to the muscles.
9. Our body systems function in a way to maintain _____, which means “steady state.”
13. When you exercise, your _____ system stimulates an increase in your heart rate.
14. To rid the body of the excess heat, blood vessels in the skin _____ so that this heat can be lost quickly.

Down

1. The process whereby plants are used to remove contaminants from their environment is known as _____.
3. Organ systems are _____ because the action of one system contributes to the action of another system.
5. _____ is essential for the formation and maintenance of healthy bones.
6. _____ is formed naturally in the skin after exposure to sunlight. Your body needs this nutrient to absorb calcium.
8. Scientists have found that environmental _____ can accumulate in our tissues and organs.
10. Your doctor can determine how well your excretory system is working by testing a sample of _____.

Across

16. When your body is too hot, your skin begins to turn red because the blood vessels _____ so that excess heat can be released to the environment.
17. The roots of some grasses have been called “green livers” because they store toxins in much the same way as a _____ stores toxins in the human body.
18. High blood _____ can cause damage to the arteries, which can lead to heart attacks and heart failure.
19. For some jobs and at some sporting events, urine is tested for the presence of _____, both legal and illegal.

Down

11. During exercise, stored _____ is released from the liver and enters the bloodstream to be taken to muscles so that the cells will have the necessary energy.
12. The _____ is a measure of the pumping action of the heart.
15. Urine is yellow because it contains bile pigments from the _____.