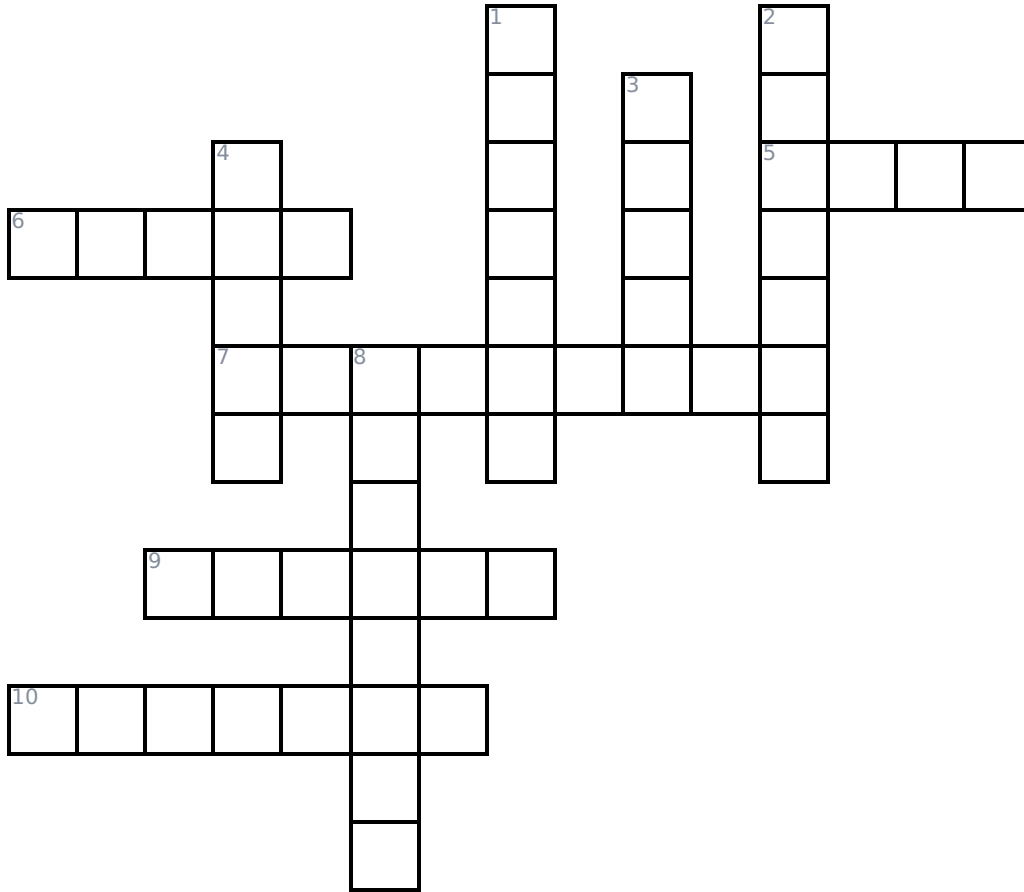


## Early Physics Fun: Bicycles: Criss Cross

Answer clues based on the content and vocabulary words from Early Physics Fun: Bicycles. Look for hints in the Word Bank. Print the puzzle or use on your tablet, phone, or computer.



## Across

5. A pin, pole, or bar on or with which a wheel revolves is an \_\_\_.
6. Less friction means more \_\_\_.
7. To be \_\_\_ is to be capable of producing desired results, especially without waste.
9. To power a bicycle, your body turns food into \_\_\_ power.
10. \_\_\_ energy is energy associated with motion.

## Down

- 1. \_\_\_ is the area of science that has to do with matter and how it moves through space and time.
- 2. \_\_\_ is the attraction of the earth for bodies at or near its surface.
- 3. An influence that tends to produce a change in the speed or direction of motion of something is \_\_\_.
- 4. A \_\_\_ is a stiff bar for applying force at one point of its length by effort applied at a second point.
- 8. \_\_\_ is the force that resists motion between bodies in contact.

## Word Bank

AXLE  
GRAVITY  
SPEED

EFFICIENT  
KINETIC  
MUSCLE

FORCE  
LEVER

FRICTION  
PHYSICS

# Answer Key

