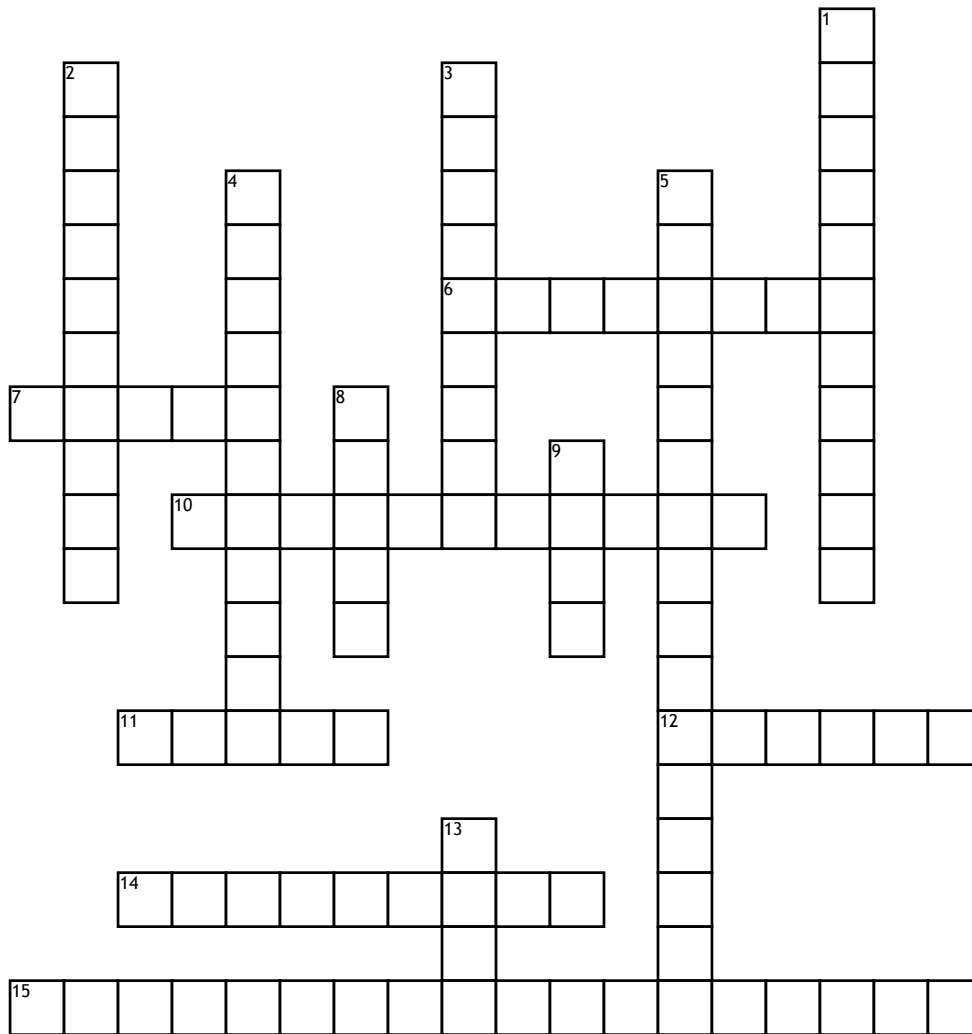


# Robotics Crossword Puzzle



## Across

6. the study of robots  
 7. the UltraSonic Sensor uses this type of technology when it sends a signal out to the object and it bounces back to the robot  
 10. this motor is typically used as a secondary motor  
 11. The specific areas for connecting sensors and motors to the EV3.  
 12. In Mindstorm, the name of the block used if you want the robot to do something when one condition is met and then another thing when a different condition is met

14. Robotics kits from Lego containing hardware and software to create EV3 robots

15. a person who writes computer code

## Down

1. this sensor can tell if the robot hits into something  
 2. this motor is typically used to make the robot's wheels move  
 3. A list of instructions to do something  
 4. This sensor can detect something blue, red, green, white, black, etc.  
 5. this sensor detects distance from an object

8. the "brains" of the mindstorm robot

9. A term for any command or group of commands in a program.

13. In Mindstorm, the name of the block used to do something over and over

## Word Bank

ports

switch

computer programmer

robotics

Loop

mindstorm

touchsensor

brick

sonar

color sensor

large motor

ultrasonic sensor

algorithm

code

medium motor