

# VEX IQ Touch LED on Byte

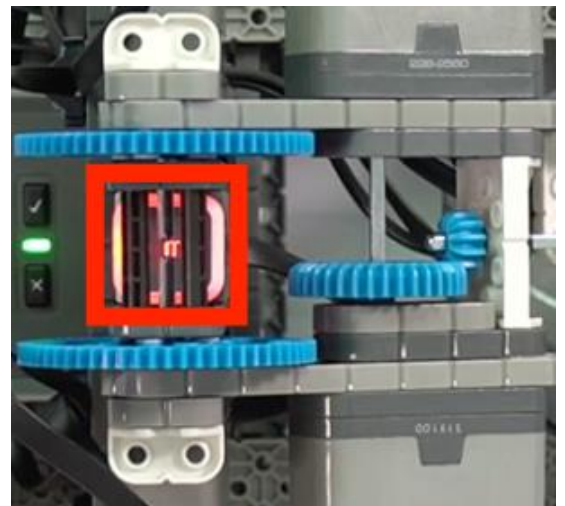
In this Lesson: You will learn about the Touch LED on Byte so that you can see how it can be used in a project for the Full Volume game.

## Notes:

- The Touch LED is a sensor that can detect capacitive touch (like the touch of a finger) and glow different colors.
  - As the robot cannot be touched during a Full Volume match, the function of the Touch LED on Byte is centered around its ability to glow different colors.



- **The Touch LED on Byte is located on the top of the arm, between the two blue gears and below two standoffs** (as shown in this image from the video).
  - This location makes the Touch LED more visible than some other sensors on Byte, making it useful for showing visual feedback about the robot during a project.



- The Touch LED can be used as a feedback tool in a project for Full Volume:
  - The Touch LED can be used with another sensor to show its activation (like glowing a color when the Bumper Switch is pressed; or glowing a color to show what color Block is in the intake).
  - The Touch LED can be used to show a color when a particular section of a project is running, to help troubleshoot and make the connection between the code and robot behaviors more clear.