EV3 MICROPYTHON LESSON 4



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REVIEW!

Last week, we learned about the ultrasonic sensor and the color sensor.



GYRO SENSOR



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The gyro sensor can detect the speed at which it is moving. It is useful for making turns accurate and driving in a straight line.



SPEED FUNCTION

SPEED FUNCTION

The speed function detects the speed at which the sensor is moving. It returns it in degrees per second.

print(gyro.speed())



NOW TRY IT YOURSELF!

CREATE A PROGRAM TO GO FORWARD AT ANY SPEED YOU WANT AND HAVE THE GYRO SENSOR DETECT IT



ANGLE FUNCTION

ANGLE FUNCTION

The angle function detects the angle that the gyro sensor is at. It returns the degree that sensor is at.

To detect the angle:

gyro.angle()

To reset the angle:

gyro.reset_angle()



NOW TRY IT YOURSELF!

CREATE A PROGRAMING THAT GIVEN THE ANGLE INPUT CAN DO AN ACCURATE TURN.



