

Helpful Links for Robotics

Helpful Robotics Links for Both NXT, EV3 and VEX

Lego Education

<https://www.legoeducation.us/>

GEAR Robotics

<http://www.gearrobotics.org/>

VEX Robotics

<http://www.vexrobotics.com/>

Robotics Education and Competition (REC) Foundation

<http://www.roboticseducation.org/>

Carnegie Mellon Robotics Academy

<http://www.education.rec.ri.cmu.edu/>

Gearing Up 4-H Robotics Series

<http://www.education.rec.ri.cmu.edu/robots/4H/roboticsandyouonline/index.html>

Lego Engineering

<http://www.legoengineering.com/>

How to Make a Robot Lesson (Robotshop)

<http://www.robotshop.com/blog/en/how-to-make-a-robot-lesson-1-3707>

Lego Digital Designer:

<http://ldd.lego.com/en-us/>

WeDo

<https://education.lego.com/en-us/lesi/video?tag={CA0DAF91-1EC4-46E8-918E-2F5E691FA964}&video={05B49B6E-0F42-4823-BA2D-93D4A58B0D9A}>

<https://education.lego.com/en-us/lesi/video?tag={CA0DAF91-1EC4-46E8-918E-2F5E691FA964}&video={D8E8C480-DE97-4027-98AF-3C6B25F09274}>

<https://education.lego.com/en-us/lesi/video?tag={CA0DAF91-1EC4-46E8-918E-2F5E691FA964}&video={6FF32768-94E4-4418-B9DE-6F76D05D2E58}>

NXT

NXT Tutorial (STEMcentric)

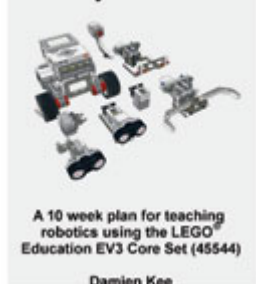
<http://www.stemcentric.com/nxt-tutorial/>

Texas Tech University Lego Robotics

<http://www.depts.ttu.edu/tstem/curriculum/robotics/index.php>

EV3

Classroom Activities for
the Busy Teacher: EV3



<https://shop.education.lego.com/legoed/en-US/education/LEGO-MINDSTORMS-Education-EV3/EV3-Classroom-Activities-for-the-Busy-Teacher/5003331&isSimpleSearch=false>

Quick Tip Videos for EV3

Quick EV3 Getting Started Programming Tutorial-Created by Tad Douce

<http://youtu.be/ZSsdmeVy7Jo>

Quick Tips- Using NXT with EV3-

<http://video.legoeducation.us/default.aspx?vID=288&gID=28>

What is new with the EV3

<http://video.legoeducation.us/default.aspx?vID=180&gID=3>

Teaching STEM with EV3

<http://video.legoeducation.us/default.aspx?vID=180&gID=3>

Introducing LEGO® MINDSTORMS® Education EV3

<http://video.legoeducation.us/default.aspx?vID=85&gID=3>

EV3 tips

EV3 Core Set

<http://video.legoeducation.us/default.aspx?vID=184&gID=3>

Interview with Lee Magpili-EV3 Model Designer: Part 1

<http://video.legoeducation.us/default.aspx?vID=186&gID=3>

Interview with Lee Magpili-EV3 Model Designer: Part 2

<http://video.legoeducation.us/default.aspx?vID=187&gID=3>

Color Sensor

<http://video.legoeducation.us/default.aspx?vID=167&gID=3>

How to Update your EV3 Firmware

<http://video.legoeducation.us/default.aspx?vID=189&gID=3>

EV3 Websites:

EV3lessons.com

Junk Drawer Robotics

<http://www.4-h.org/resource-library/curriculum/4-h-robotics/>

Junk Drawer Robotics Curriculum

<http://www.4-h.org/resource-library/curriculum/4-h-robotics/junk-drawer-robotics/>

Platform Robotics

<http://www.4-h.org/resource-library/curriculum/4-h-robotics/robotics-platforms/>

Virtual Robotics –

<http://www.4-h.org/resource-library/curriculum/4-h-robotics/virtual-robotics/>

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