



Creative Scratch Robots for Under \$30

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Would you like to build playful robots for under \$30 dollars? Robots that dance, play music, tell jokes, throw candy and more?



Figure 1 – Scratch robots made from premium quality junk

Build-It-Yourself aims to make engaging, playful robotics accessible to all. Premium quality junk is used to build creative, robotic sculptures that quickly attract attention.

Build-It-Yourself Scratch robots have the following components:

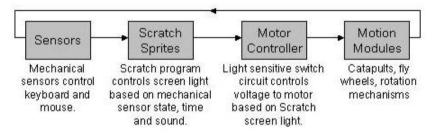


Figure 2 – Components for Scratch Robots under \$30

Instructions to build sensors, motor controller and motion modules are posted online.

Live Webcast workshops are run by MIT, Harvard and Cornell engineering students.

Invention Universe enables members to share creations online.

www.build-it-yourself.com

Keywords:

Scratch; robotics; project-based-learning; construction-system