

Supplies and Tools for a Tinkering Space:

All are Sparkfun items unless [Digikey](#), [Maker Shed](#), [Kelvin](#), or [Amazon](#)
Prices and item numbers valid as of Nov. 8th, 2013

Other places to look: Jameco, All Electronics Corporation, [Amazon](#)

Batteries; coin cell 2032—Get pack of 100. [Digikey](#) P189-ND (19.25 for 100)

LEDs mixed bag 5 mm—Sparkfun COM-09881 (9.95 pk.)

RGB LEDs fast cycling 5 mm—Sparkfun COM-11451 (.75 ea.)

Motors 1.5 v Ajax Scientific (through [Amazon](#))—(6.28 pk of 5)

Battery holders 2AA—Sparkfun PRT-09547 (1.50 ea.)

Battery holders 4AA—Sparkfun PRT-00552 (1.95 ea.)

Battery holder for CR-2016/F2N with tabs (for paper circuits)—[Digikey](#) P222-ND (9.97 for 10)

Hook-up wire in various colors—Sparkfun PRT-08024yellow, PRT-08023red, PRT-08022black or preferred colors (2.50 ea)

Cardboard wheels; 2.5 inch w/3/16” hole—[Kelvin.com](#) 420335 (10.95 pk of 100)

Cardboard wheels; 4.5 inch w/3/16” hole—[Kelvin.com](#) 420336 (5.95 pk of 100)

Standard straws and giant or milkshake straws; Amazon

Easy Cutter—[Kelvin.com](#) 520595 (19.95)

Makey-Makey—Sparkfun WIG-11511 (49.95 ea.)

Soldering irons—More expensive than the cheap-o ones, but completely worth it.
Sparkfun TOL-10707 (44.95 ea.)

Solder—how do you feel about lead? Sparkfun Leaded Spool TOL-09161 (5.95 ea.)

Copper adhesive tape—Sparkfun 50 ft. 5mm PRT-10561 (2.95 ea.) or hardware store
“snail tape”

Conductive (stainless steel) thread— 50’ Sparkfun DEV-10118 (8.95 ea.)

Sewable coin cell 2032 holders, 20mm—Sparkfun DEV-08822 (1.25 ea.)

Alligator wires 10 pack—Sparkfun PRT-11037. (2.95 ea.)

Wire strippers—Sparkfun TOL-08696 (4.95 ea.)

Lily Twinkles—Sparkfun DEV-11364 (6.95 ea.)

Drawdio kit— Maker Shed MKAD12 (19.50 ea.)

Raspberry Pi Starter Kit— Maker Shed MSRPIK (129.99 ea.)

Learn to Solder badges—Maker Shed MKLS01 (3.00 ea.)

Flush cutters—Sparkfun TOL-11952 (6.95 ea.)

Other items you need to have: safety glasses, latex-free exam gloves, self-healing mats (or extra pieces of corrugated cardboard to protect surfaces), big roll of paper to protect tables or floor.

Things to Collect/Request for Projects:

Journals, pencils, pens, markers

Old holiday lights

Safety Glasses

AA batteries

Felt

Fabric

Craft Foam

Yarn

Hot glue guns

Saws and Drills

Self-healing mats (used for quilting)

Hand tools: small saws, utility knives, screwdrivers

Balsa wood, various sizes, shapes

Scrap lumber

Plastic cups

Pool noodles

Paint

Blueboard insulation

Cardboard