

Pack Inventory List | Sources

Each box includes materials for 12 learners to make 5 activities.
Just add students and age-appropriate scissors

Sculpted Circuits

[Handout](#) | Online: <http://makezine.com/projects/squishy-circuits/>

Light up your sculpture with conductive dough, LEDs, motors, 9V batteries, and alligator clip test leads (to [connect the battery to the dough](#).) One of the few things not provided in the pack is the insulating dough, which you can mix up from grocery store items using [this recipe](#).

Additional links: <http://courseweb.stthomas.edu/apthomas/SquishyCircuits/>,
<http://www.makershed.com/products/squishy-circuits-kit>

Scribble Machines

[Handout](#) | Online: <http://makezine.com/projects/scribble-machine/>

Create a “vibrobot” that draws with pens, motors, batteries, tape, cups, eraser weights, and a few fun things to decorate with.

Additional links: <http://tinkering.exploratorium.edu/scribbling-machines>, <http://makezine.com/projects/dusterbot/>,
<http://makezine.com/projects/make-10/vibrobots/>, <http://www.makershed.com/products/brushbot-party-pack>

Paper Circuits

[Handout](#) | Online: <http://makezine.com/projects/simple-paper-circuit>

Learn about parallel and series circuits while lighting-up your drawings with LEDs, clear tape, copper tape, binder clips, and batteries.

Additional links: <http://chibitronics.com/education/>, <http://www.nexmap.org/21c-notebooking-io/>,
<http://highlowtech.org/?p=2505>, <http://www.makershed.com/collections/circuit-stickers>

LED Binder Clip Bling

[Handout](#) | Online: <http://makezine.com/projects/led-binder-clip-bling/>

Students make wearable light-up accessories using LEDs, batteries, binder clips, foamies sheets, glue dots, chenille stems, and googly eyes.

Additional links: <http://tinkering.exploratorium.edu/digital-bling>, <http://makezine.com/projects/extreme-led-throwies/>

Light Up and Paint

[Handout](#) | Website: <http://glowdoodle.com>

If you have a computer with a webcam, you can make light paintings! Hint: download the desktop version of Glow Doodle and use the “s” key to save your light paintings to your computer in the application’s folder.