Project Inklings

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| sound           | musical instruments or sound processing |
| light           | LED sculptures / displays              |
| sensor          | data acquisition and IoT               |
| actuation       | mobile, arm, flying robots             |
| time            | clocks                                 |
Sound Level Indicator

http://www.electronics-lab.com/project/sound-level-indicator
http://www.electronics-lab.com/arduino-theremin-like-musical-instrument
Music Synthesizer

http://www.electronics-lab.com/555-contest-entry-music-synthesizer
LED Cube using Arduino Uno

http://circuitdigest.com/microcontroller-projects/making-3X3X3-led-cube-with-arduino
Infrared Illuminator Made with LEDs

Home Automation using Arduino

http://circuitdigest.com/microcontroller-projects/arduino-home-automation-project
Automatic Staircase Light

Temperature Controlled Fan

http://circuitdigest.com/microcontroller-projects/automatic-temperature-controlled-fan-project
PCB robot

Crude Robot

http://www.electronics-lab.com/matchbox-car
8051 Clock

Master Wall Clock

http://www.electronics-lab.com/arduino-dcf77-master-wall-clock/
LCD Clock

http://www.electronics-lab.com/big-clock-made-from-six-3%E2%80%B3-7-segment-lcds/
PCB Watch

http://www.electronics-lab.com/diy-binary-wrist-watch
Thermometer Clock

Circuit Board Clock

http://www.electronics-lab.com/simple-led-clock-pcb-design
Love Spark Necklace

http://www.instructables.com/id/Love-Spark
Biz PCB Card

http://hackaday.com/2015/10/01/this-pcb-business-card-is-logically-different
Prepare 3 slides for Tuesday of PCBs that you’d like to build
Search web and get inspired
Email me at jrb@pobox.com your slides as a PDF file
Sensors
References

- hackaday.com
- circuitdigest.com
- www.electronics-lab.com
- instructables.com
- arducam.com