

Welcome to EE47

Press Play: Interactive Device Design | June 21, 2011

In this class, you will learn:

- Basic Electronics
- Sensors & Actuators
- Microcontroller Programming
- Physical Prototyping
- Communications

To do so, you will design:

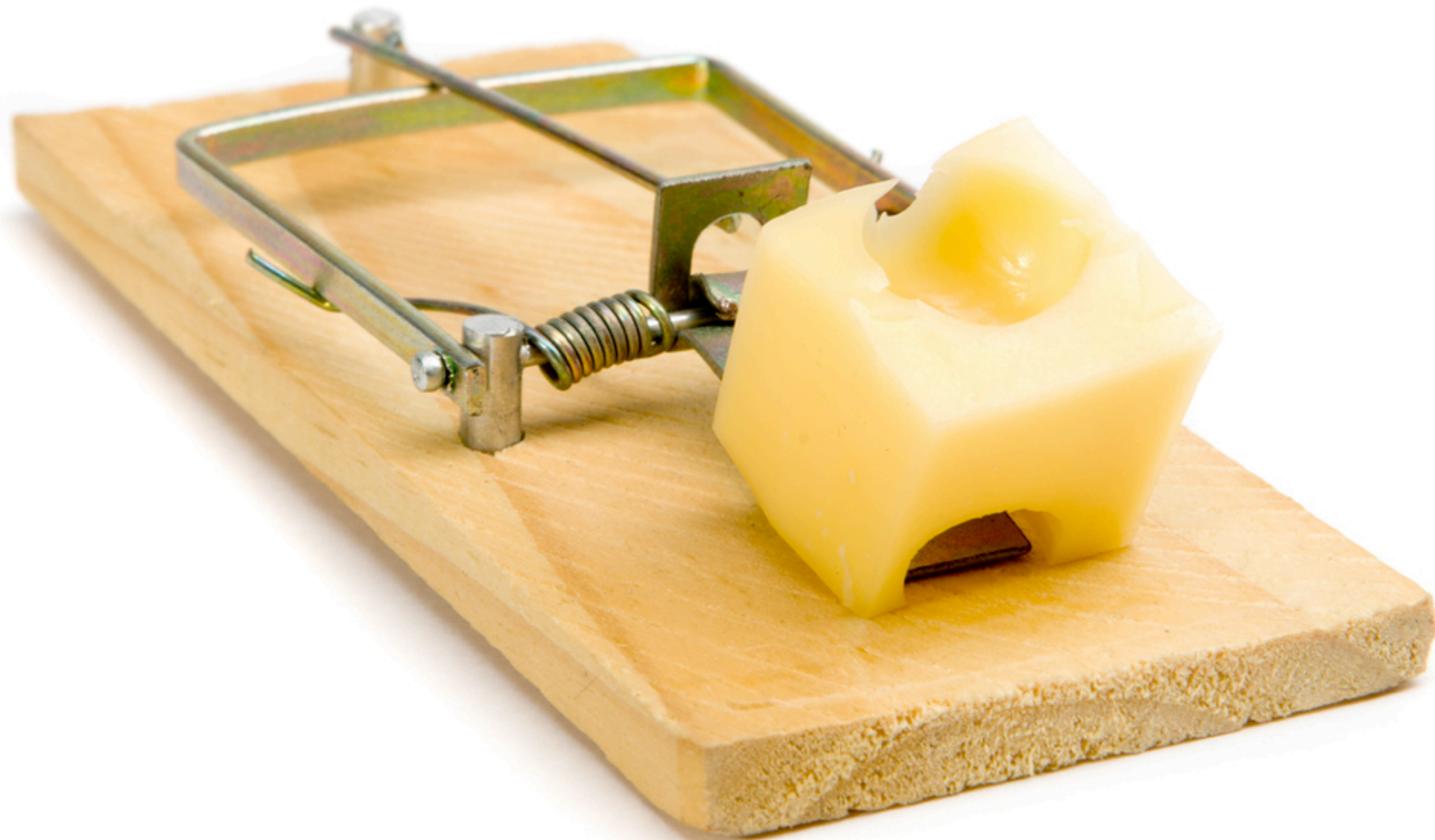
- LED Light
- Digital Timer
- Data Logger
- Etch-a-Sketch
- MP3 Player

Course Websites

- <http://ee47.stanford.edu/>
- <http://pressplay.pbworks.com/>
- <http://piazza.com/class#ee47/>

Mousetraps & MP3 Players

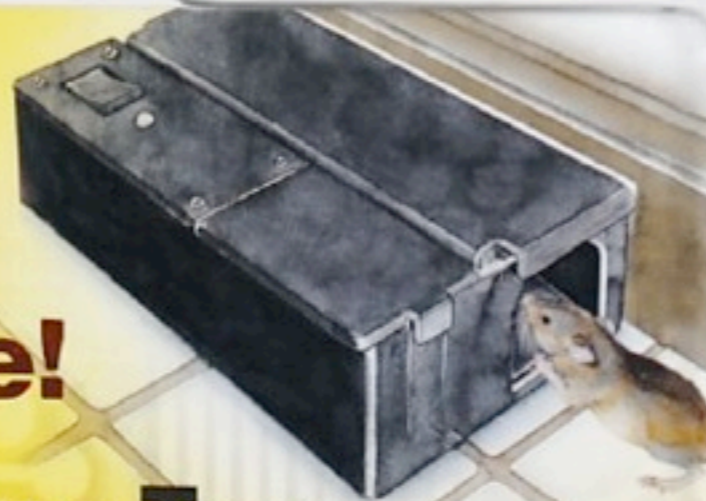
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**Kills
Mice!**



Electronic Mouse Trap

- **Quick, Humane Kill**
Meets International Humane Kill Standards
- **Effective**
Patent Pending Design Ensures Superior Efficacy
- **Easy to Use**
No Spring to Set or Messy Glue
- **Built-in Safety Features**
Prevents Accidental Activation by Children and Pets



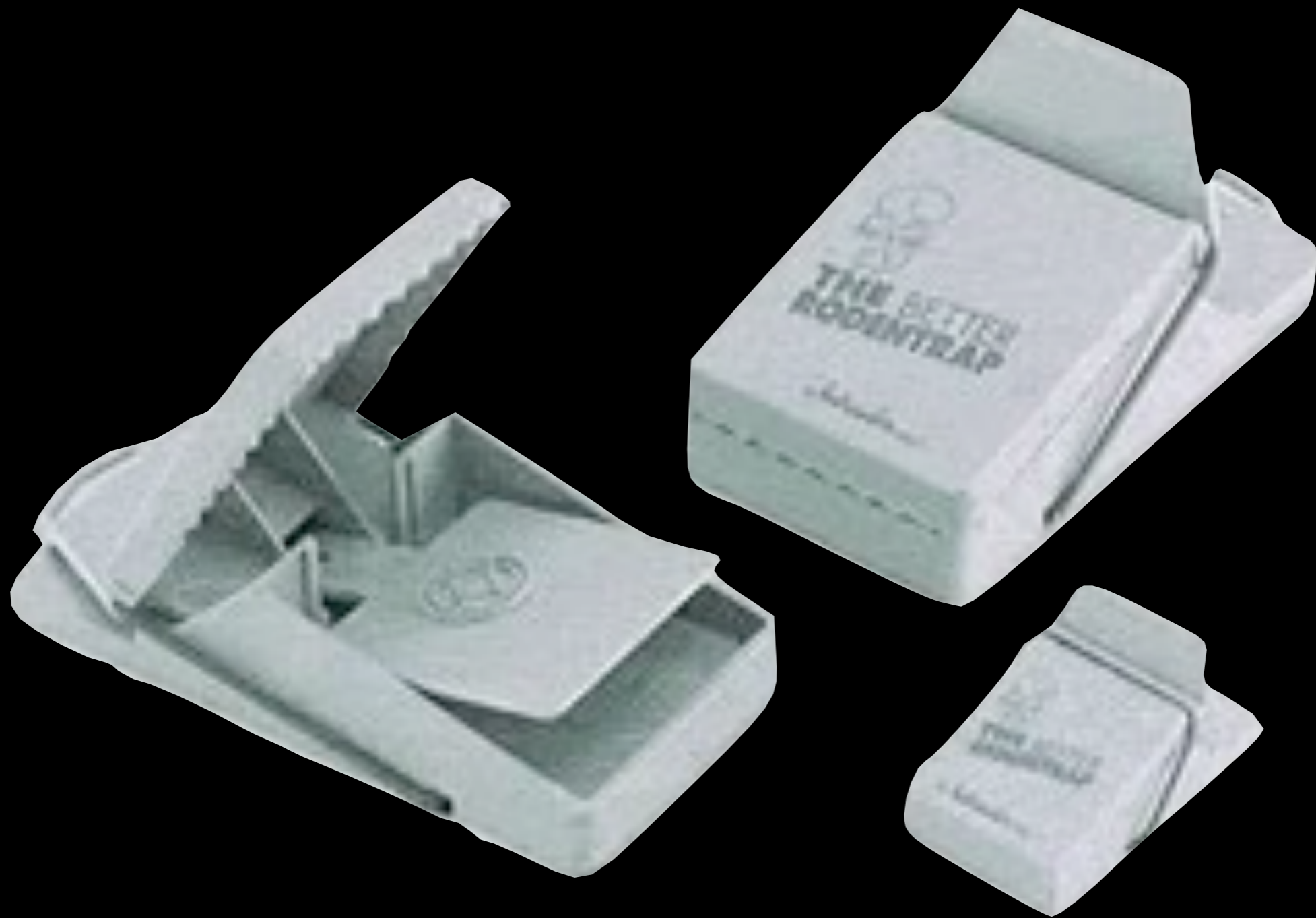
www.victorpest.com

VICTOR



Trap Man

TrapMan.co.uk















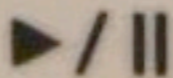
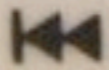




MP3
Car MP3 Player
⊙

107.9

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LED Light Activity

What is inside of an LED light? | Sketch and/or List

Homework for Next Week

What is inside of an MP3 player? | Wiki | Reading

