Day One
Abstract Electronic Toys: Sample Slides

Kaho & Ramsey
Playable Fashion

TURTLE WUSHU

TURTLE WUSHU IS A SIMPLE DANCING-FIGHTING GAME PLAYED WITH TINY TURTLES FROM CHINA. THE TURSTLE RESTS ON YOUR HAND. IT DOES NOT LIKE THE OTHER TURTLES. SLAP TURTLES OFF OTHER PLAYERS' HAND.

THE LAST PLAYER WITH A TURTLE ON HIS/HER HAND WINS!

RULES

1 FORM A CIRCLE AND JOIN YOUR TURTLE HANDS TOGETHER FOR THE TURTLE WUSHU GREETING: SLOWLY MOVE YOUR HAND AWAY FROM THE OTHERS AND WHISPER "TURTLE WUSHU!".

2 THE GAME STARTS WHEN ALL TURTLES ARE IN A SAFE DISTANCE FROM EACH OTHER.

3 USE YOUR FREE HAND TO HIT OTHER PLAYERS' **HANDS** SO THAT THE OPPONENT'S TURTLE FALLS.

4 ONLY HITTING THE HANDS IS A VALID MOVE. ANY OTHER PART OF THE OPPONENT'S BODY IS A FOUL. WHEN YOU LOSE A TURTLE WHEN FOULED, PUT THE TURTLE BACK ON YOUR HAND.

TURTLE WUSHU DOUBLE

A SUPRISINGLY NERVE WRECKING AND TACTICAL TURTLE WUSHU VARIANT FOR FOUR PLAYERS IN TWO TEAMS. THIS IS THE VERSION PLAYED AT THE **TURTLE WUSHU WORLD CHAMPIONSHIP** AT **PLAYPUBLIK**.

RULES

1 BASIC RULES LIKE TURTLE WUSHU.

2 IF A PLAYER LOSES THE TURTLE HE/SHE SHOUTS: "OUT!"; HIS/HER TEAM LOSES A POINT. IN CASE PLAYERS FROM BOTH TEAMS LOSE A TURTLE AT THE SAME TIME, NOONE GETS A POINT.

3 TO WIN A TURTLE WUSHU DOUBLE MATCH A TEAM HAS TO WIN TWO SETS. TO WIN A SET A TEAM HAS TO MAKE THREE POINTS.

Turtle Wushu by:
www.invisibleplayground.com

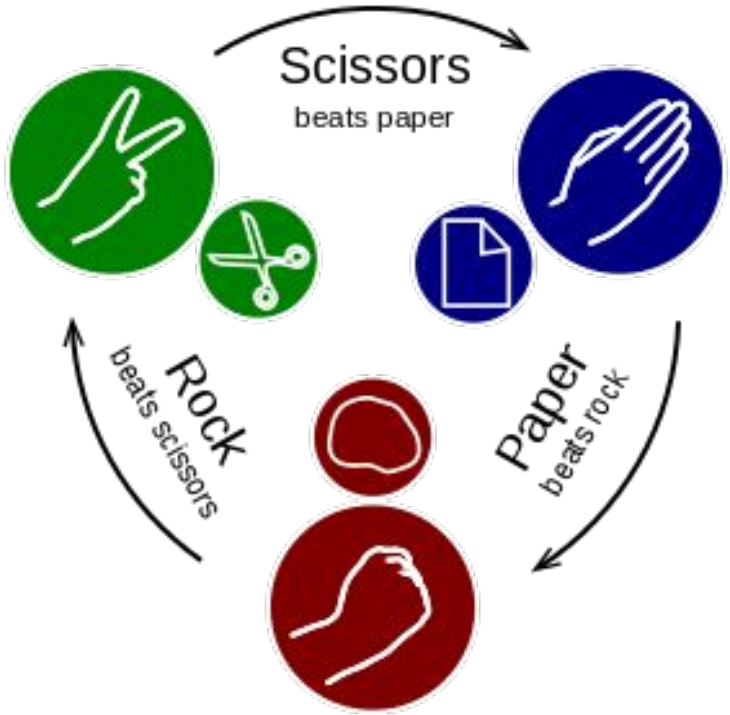
For tutorial video see QR code above or:
http://ludocity.org/wiki/Turtle_Wushu

Uno Card Game Rules

http://www.unorules.com/

Image source:
http://www.unorules.com

Rock Paper Scissors



World RPS Society

Image source:
http://www.wikipedia.com

Make 20 games ideas

Based on your box.

Must record each idea, even if it’s a modification of a previous version.

Then at the end, present your 3 best ideas.

Day Two
Abstract Electronic Toys: Sample Slides

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Open the box.

What's Inside the Box?

Bread Board/Prototyping Board: each cluster of 5 holes across are connected by a strip of metal underneath.

What's Inside the Box

Microcontroller/chip: a programmable small computer/robot that has **inputs** and **outputs**.

http://www.arduino.cc/

What's Inside the Box

Wires: connects things together electrically, because it is electrically **conductive**.

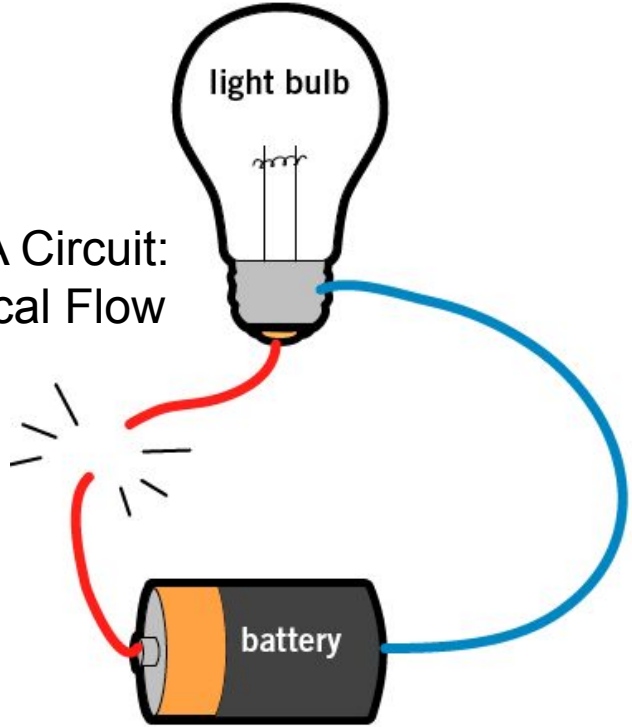
Push Button

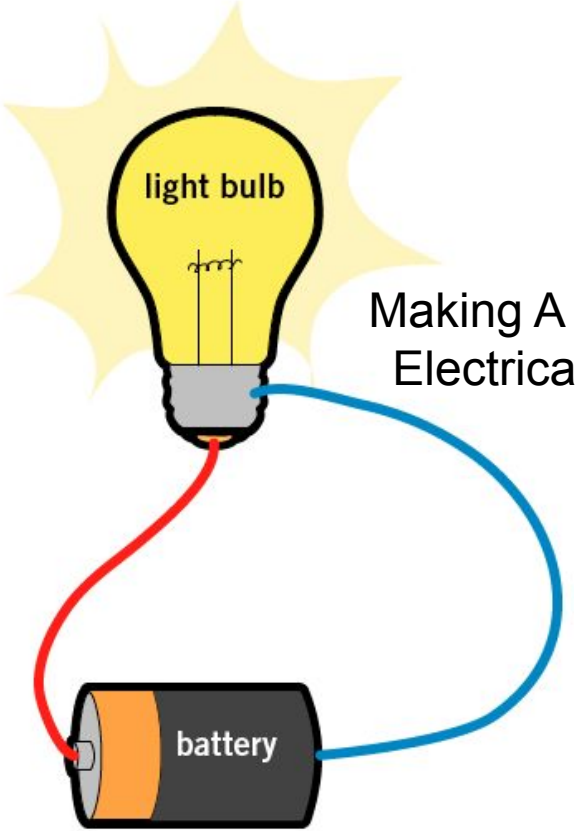
Seven Segment Display

Alligator Clips

Electronic Circuit

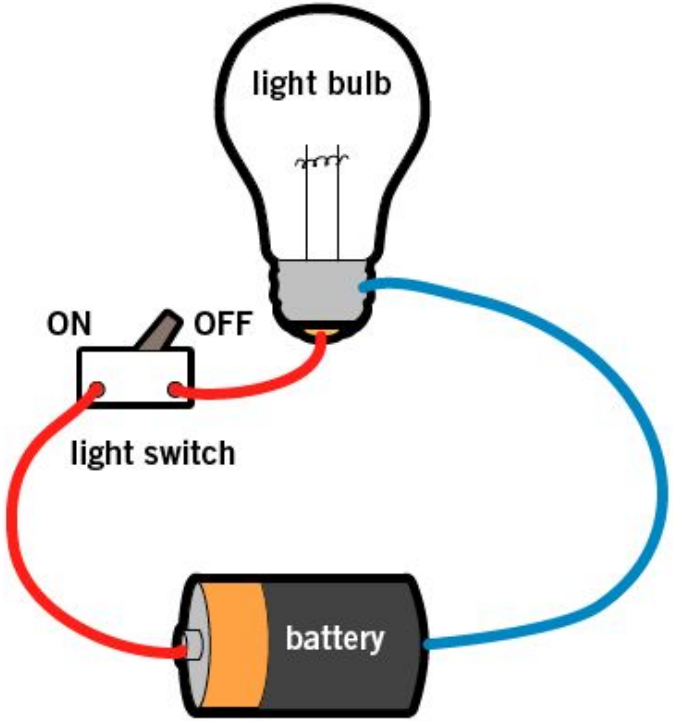
Breaking A Circuit:
No Electrical Flow

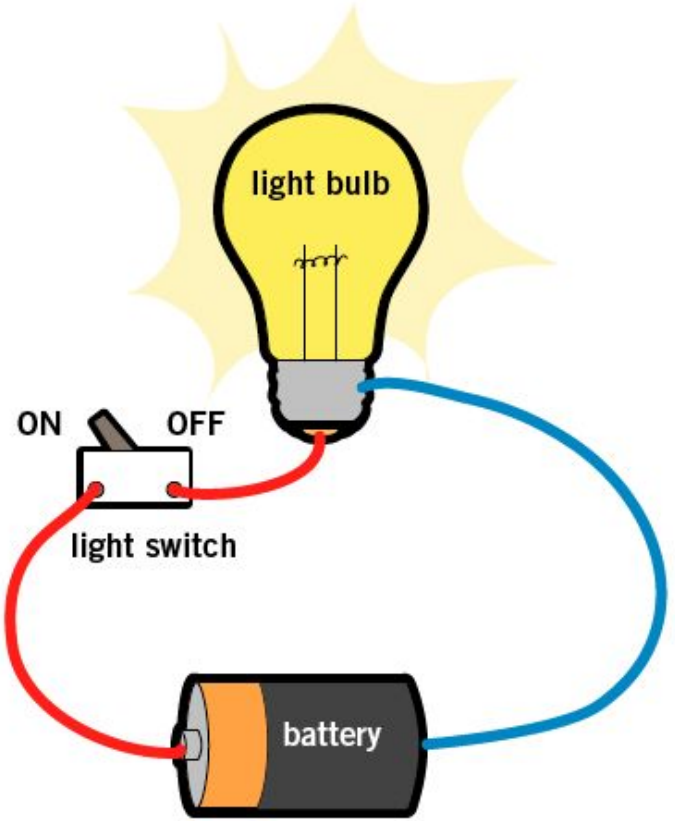




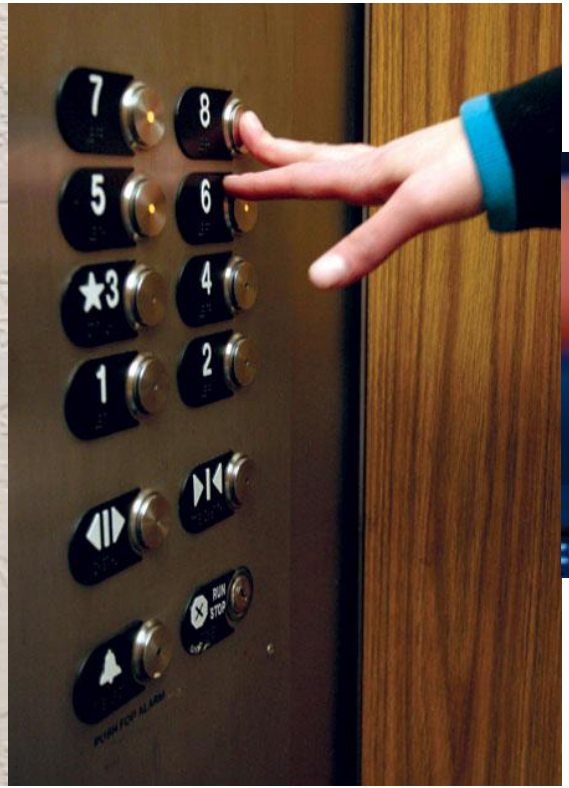
Making A Circuit:
Electrical Flow

Switches


light bulb
ON
OFF
light switch
battery


light bulb
ON
OFF
light switch
battery

Some examples of switches:



A keyboard and mouse is a bunch of switches!

Arcade Joystick

Make 5 Game Ideas

Based on your hacked box, with the