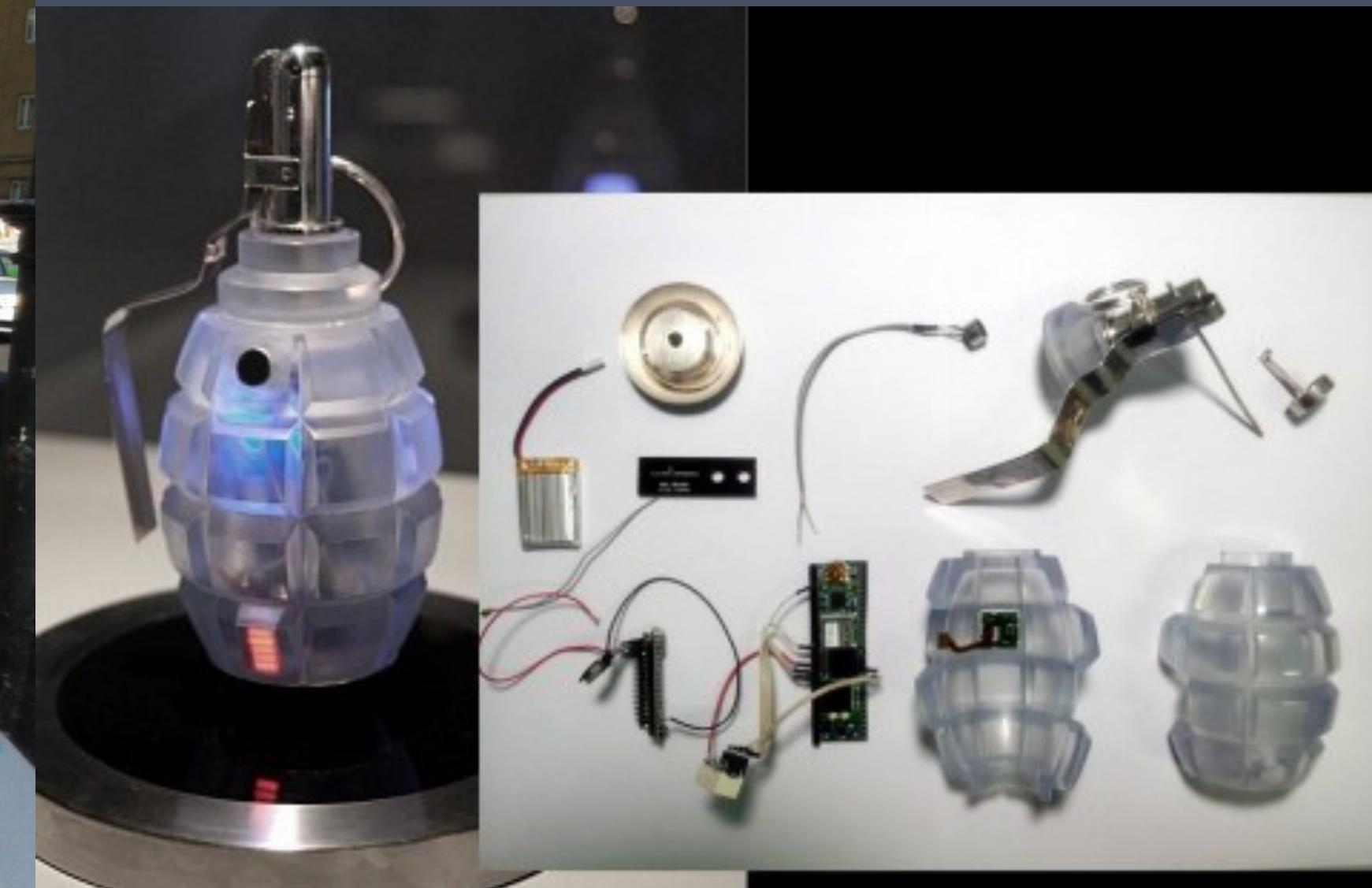


TAKING SERIOUSLY THE MATERIAL-SEMIOTIC: CRITICAL MAKING IN PRACTICE. AS THEORY.



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UNIVERSITY OF TORONTO
TORONTO, ON CANADA



[HTTP://WWW.CITIZENSENSE.COM](http://www.citizensense.com)

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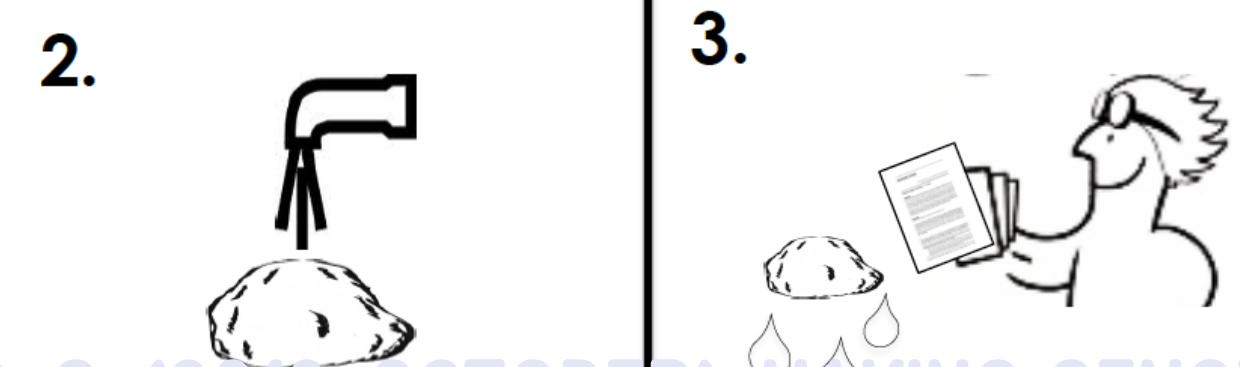
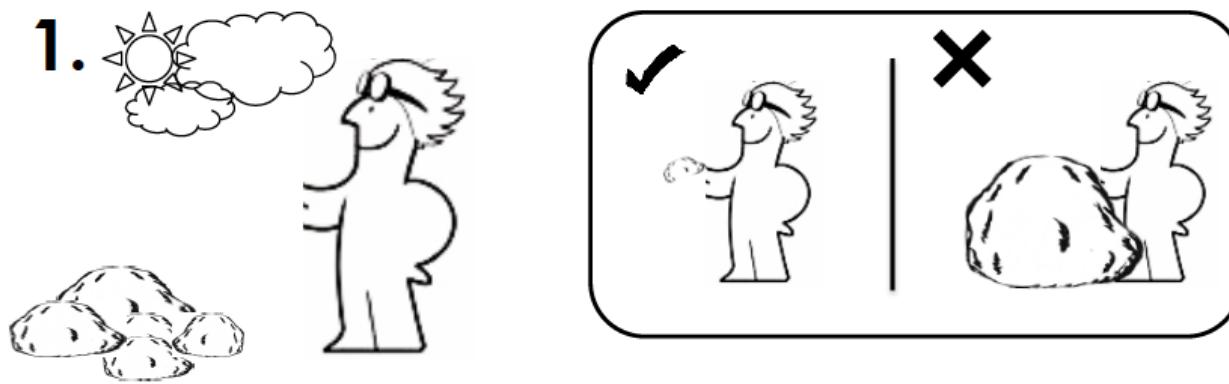
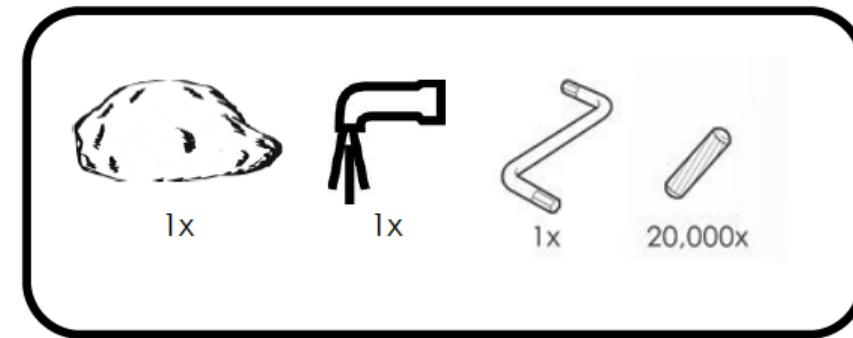
MAKING AS PRACTICE, AS
THEORY.

MAKING IN PRACTICE. AS
THEORY.

WHAT THIS OPERATION REQUIRES IS THE EXTERNAL MODELLING OF
THE OBJECT AS A TEXTUAL DOPPELGANGER, FORMED OUT OF
DISCURSIVE RATHER THAN VISUAL MATERIAL, AND OPEN TO
EXPOSITION IN LANGUAGE ACCORDINGLY.

--CORBETT. 2005: 22

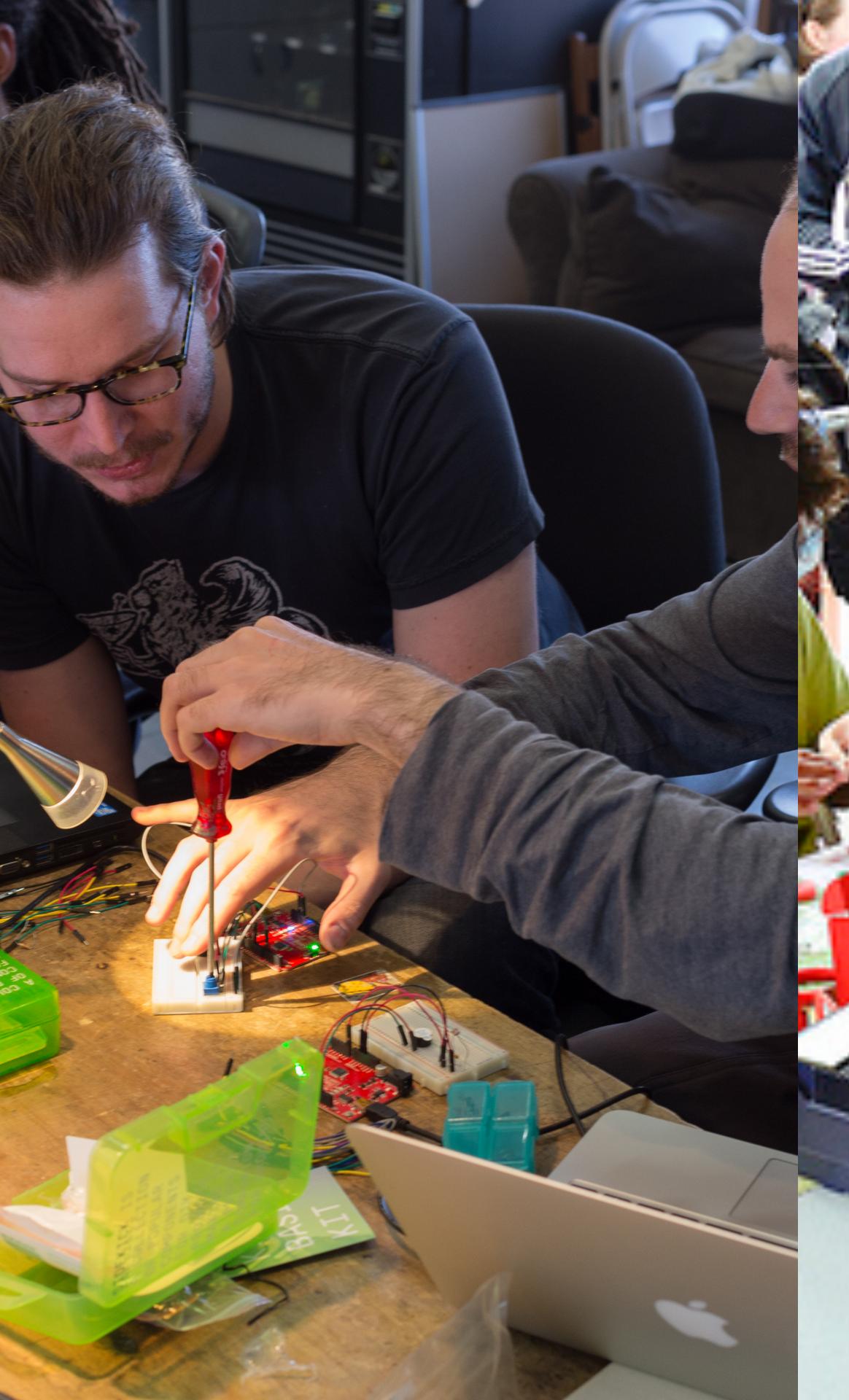
IINJGOLD

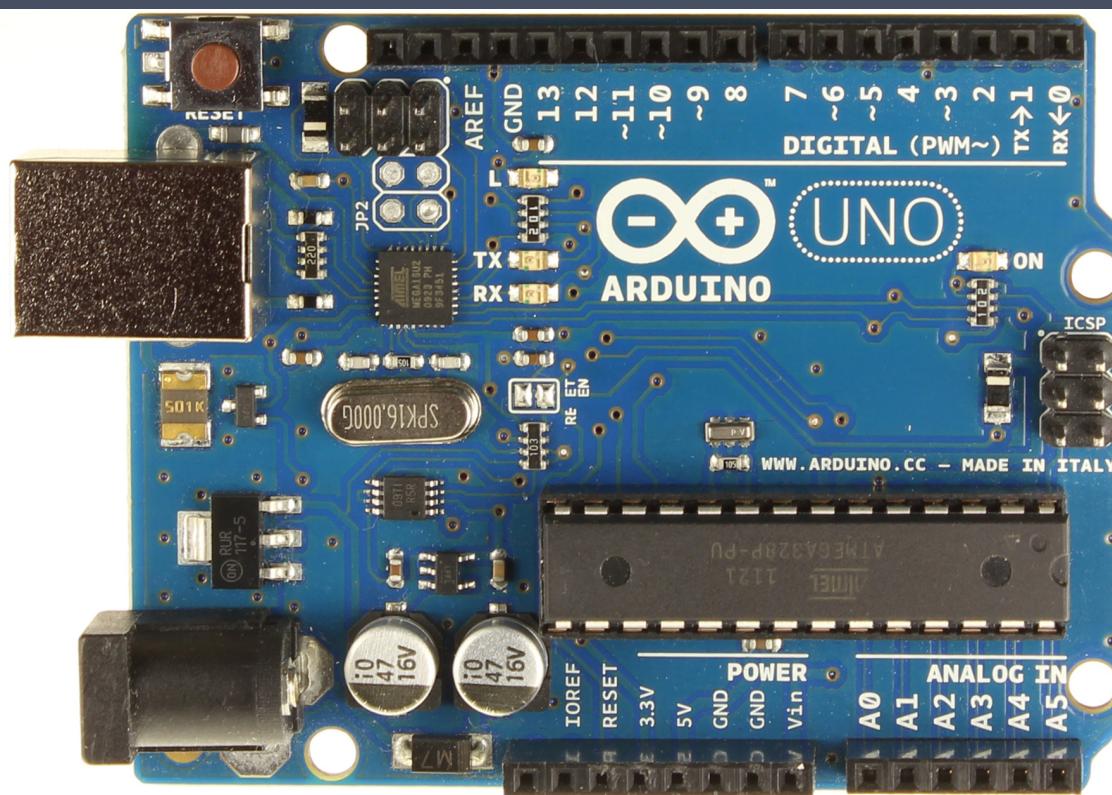


SOUTHWICK, D. & COONS, G. (2013, OCTOBER). MAKING SENSE OF MATERIALITY: BUILDING KITS FOR THINKING. PRESENTATION AT ANNUAL MEETING OF THE SOCIETY FOR SOCIAL STUDIES OF SCIENCE: SAN DIEGO CA.

**“...FROM CATEGORICAL DEBATES TO EMPIRICAL INVESTIGATIONS
OF THE CONCRETE PRACTICES THROUGH WHICH CATEGORIES OF
HUMAN AND NONHUMAN ARE MOBILIZED.”**

--SUCHMAN, 2006: 1





Blink | Arduino 1.0.1

File Edit Sketch Tools Help

Blink

```
/*
Blink
Turns on an LED on for one second, then off for one second, repeating
This example code is in the public domain.
*/
// Pin 13 has an LED connected on most Arduino boards.
// give it a name:
int led = 13;

// the setup routine runs once when you press reset:
void setup() {
  // initialize the digital pin as an output.
  pinMode(led, OUTPUT);
}

// the loop routine runs over and over again forever:
void loop() {
}
```

Done uploading.

Binary sketch size: 1,084 bytes (of a 32,256 byte maximum)
avrdude: Error: Could not find USBtiny device (0x1781/0xc9f)

22 Arduino Uno on COM1

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GETTING STARTED > MacOSX

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Getting Started w/ Arduino on Mac OS X

This document explains how to connect your Arduino board to the computer and upload your first sketch.

- [1 | Get an Arduino board and USB cable](#)
- [2 | Download the Arduino environment](#)
- [3 | Install the Software](#)
- [4 | Connect the board](#)
- [5 | Launch the Arduino application](#)
- [6 | Open the blink example](#)
- [7 | Select your board](#)
- [8 | Select your Serial Port](#)
- [9 | Upload the program](#)

1 | Get an Arduino board and USB cable

Uncertified board



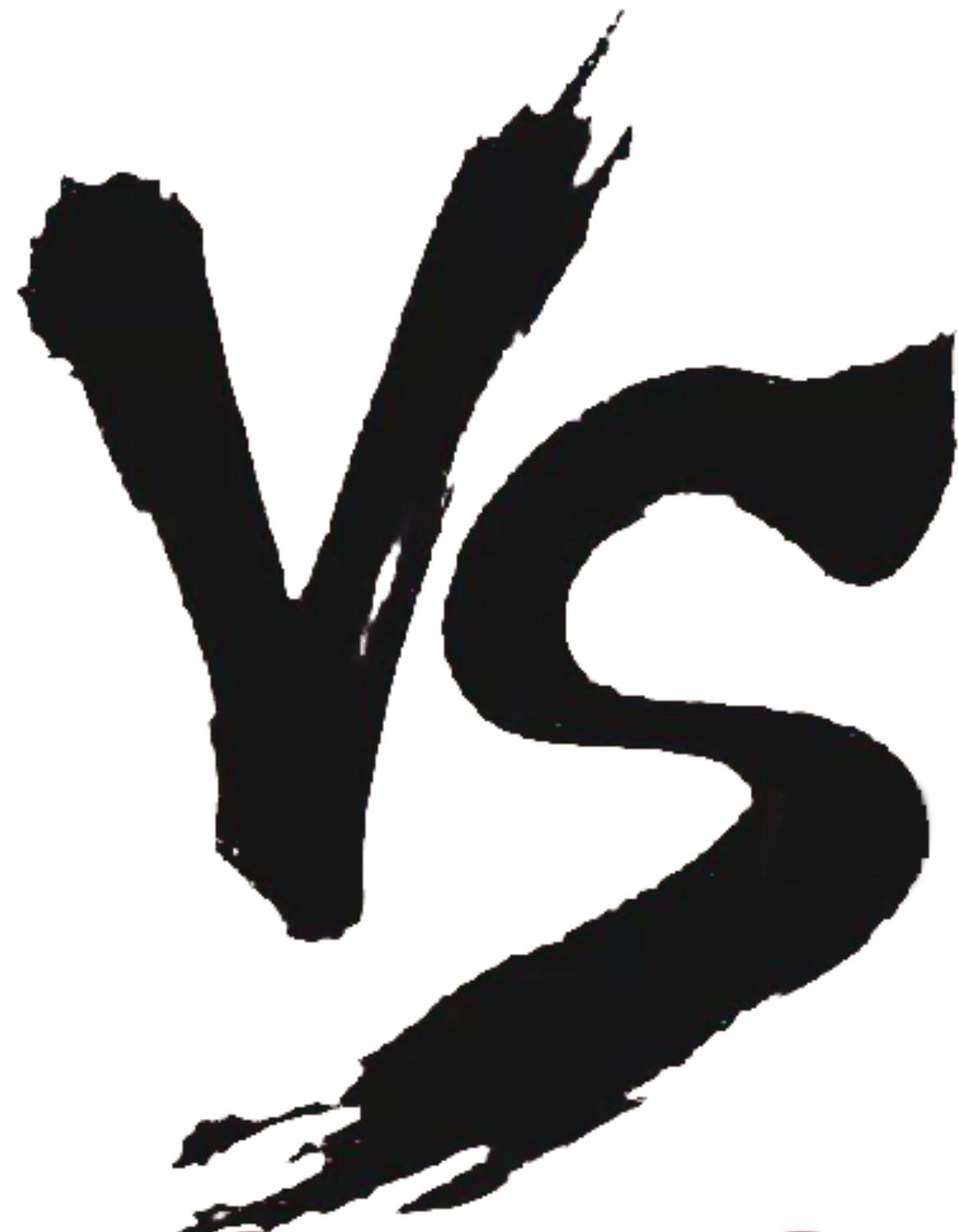
This board comes from an uncertified manufacturer.
We won't be able to provide any support if it doesn't work as
expected.

Don't show me again



OK

// initialize digital pin 13 as an output.



The Saga Continues



Added warning for uncertified boards

[Browse files](#)

master (#2) [old_compiler_removal](#) ... 1.6.1



ffissore committed on Mar 6

1 parent 25ddcb8 commit 39d1dfc9995e75e858fa238c7c8881ee2d7679c6

Showing 16 changed files with 573 additions and 25 deletions.

[Unified](#) [Split](#)

57 app/src/cc/arduino/view/Event.java

[View](#)

```
... ... @@ -0,0 +1,57 @@
1 /* 
2  * This file is part of Arduino.
3  *
4  * Arduino is free software; you can redistribute it and/or modify
5  * it under the terms of the GNU General Public License as published by
6  * the Free Software Foundation; either version 2 of the License, or
7  * (at your option) any later version.
8  *
9  * This program is distributed in the hope that it will be useful,
10 * but WITHOUT ANY WARRANTY; without even the implied warranty of
11 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
12 * GNU General Public License for more details.
13 *
14 * You should have received a copy of the GNU General Public License
15 * along with this program; if not, write to the Free Software
16 * Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
17 *
18 * As a special exception, you may use this file as part of a free software
19 * library without restriction. Specifically, if other files instantiate
20 * templates or use macros or inline functions from this file, or you compile
21 * this file and link it with other files to produce an executable, this
```

Uncertified board



This board comes from an uncertified manufacturer.
We won't be able to provide any support if it doesn't work as
expected.

Don't show me again



OK

```
// initialize digital pin 13 as an output.
```

THE 'CRITICAL-NESS' OF
MAKING?