



KeepMake: 8bit Memento

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2016 New Channel summer camp
Hunan University – Queen Mary University of London

Concept intro

How do we make a “modern-day keepsake” for storing intangible value?

Using materials found in the surrounding environment

Inspirations: Waterwheel; sound of river; Dong brocade patterns



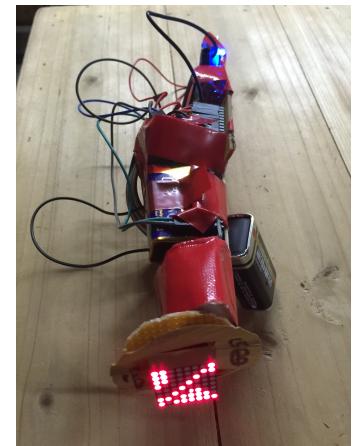
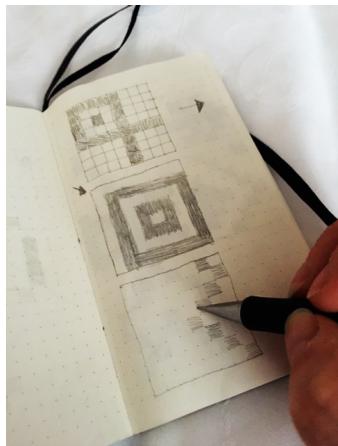
Tools and Methods

Program MetroMini (Arduino) & 8x8 LED Matrix

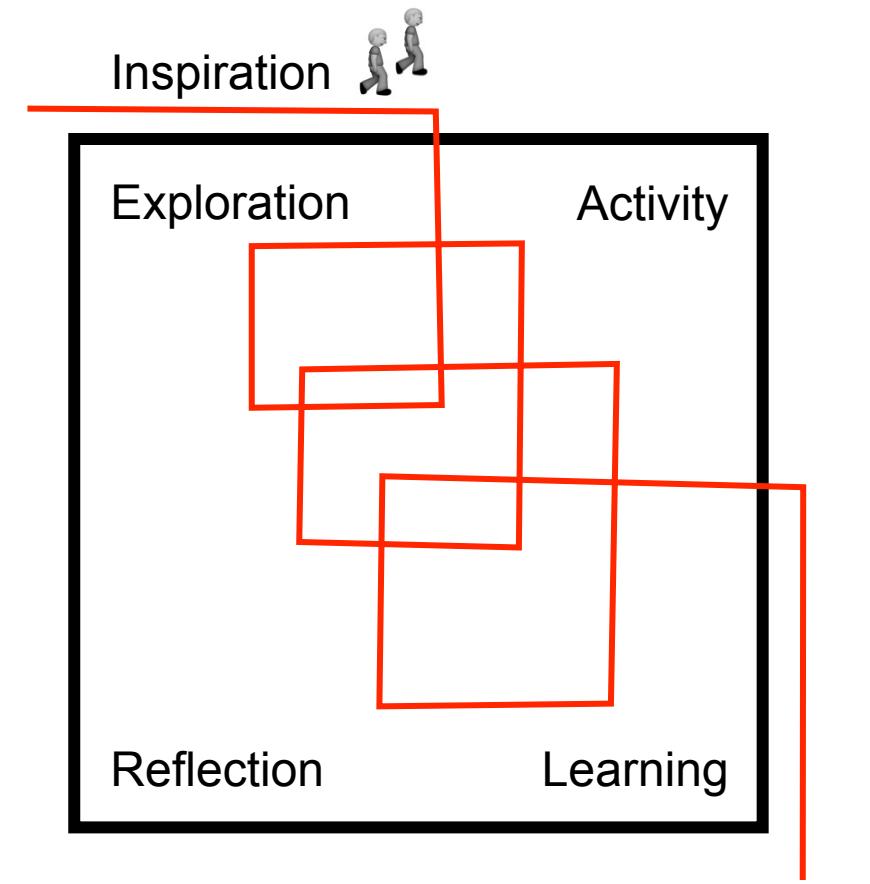
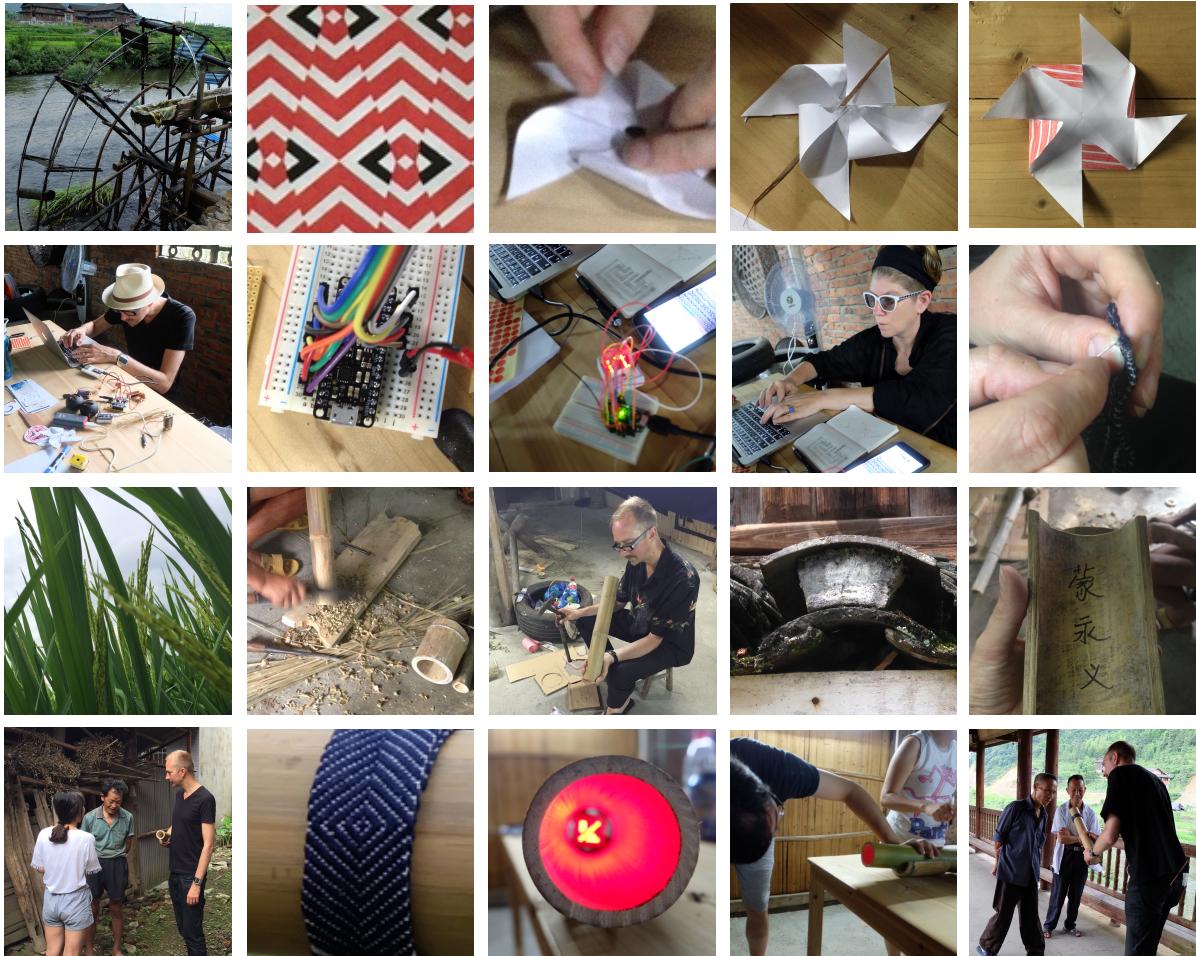
Sketch & test Dong patterns

Edit sound file for Adafruit soundboard; hack speaker

Cut & clean bamboo; sew brocade; add Mongolian arrow bag



Design as a Journey



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Testing with locals

Took into rice fields and on to wind
and rain bridge in Dong village

Approached people and placed
product up to ears and eyes

Offered product to them so that
they could hold it



Key findings

Not so willing to hold it

More interested in sound than
visuals – held attention longer

An initial emotion – surprise or
delight or (?)



Reflection

Constraints (such as 8bit) are good for understanding complexity

Provide focus for deeper exploration

Memories serve a purpose

A different kind of utility and value

The process & methods

Minimal amounts of material

Being resourceful

