


aurelia vanellus

remade in china /

MADE IN CHINA ✓

PLASTIC RECYCLING IS BROKEN.

HERE'S HOW TO FIX IT.

45% OF THE 'S
PLASTIC WASTE
IMPORTS GO TO
CHINA.

"CHINA REMAINS
WITHOUT FULLY DEVELOPED
WASTE MANAGEMENT...."

! !
"without bold new ideas & management
strategies, current recycling rates with
no longer be met..."


[REMADE IN CHINA]

@AURELIA VANELLY


WEEK #1 //

↳ CHINA STOPPED TAKING A LONG LIST OF GARBAGE & ITS CAUSING CHAOS

→ It's interesting to see how ^{when} China implemented their new policies, the country was quick to take on the new policies and more demand. For instance my neighbor whom I away started to be really tedious on her trash.

VICE  "~~AME~~" CHINA STOPPED TAKING A LONG LIST OF GARBAGE & ITS CAUSING CHAOS"

"THAT DRAMATIC SHIFT IN POLICY IS COMING OUT A NATIONAL CAMPAIGN TO REDUCE THE COUNTRY'S GARBAGE FOOTPRINT"

--- "CHINA WON'T SETTLE FOR BEING THE TRASH COLLECTOR FOR THE REST OF THE 

THOUGHTS:
#HOW
#WAAAA!


REMADE IN CHINA

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THOUGHTS:
#HOW
#WALAY!

@ARIELVANELLY

WEEK TWO !!

↳ Plastic Waste & its Impact on Ecosystems

THE CONCEPT OF SUSTAINABILITY

— "REMINDS ME OF SUSTAINABLE FASHION"

Timeline

(1980): IDEA OF SUSTAINABILITY BEGAN TO MAKE ITS WAY INTO THE ACADEMIC LEXICON

~~SUSTAINABILITY~~
SUBSTANTIAL
EVOLUTION

(2004): DANIEL MAZMANIAN & MICHAEL KRAFT SUGGEST THAT THE US HAS BEGUN TO ENTER A transitional epoch OR PERIOD OF ENVIRONMENTAL CONCERN.

THIS TEXT
REMINDS ME
OF SUSTAINABLE
FASHION &
IS BREAKING DOWN
THE TERM
"SUSTAINABLE"

↳ ECONOMY

↳ EQUITY

↳ ENVIRONMENT

"the context of agriculture shifts the focus from working tirelessly to grow more of a crop to working to ensure that the land can produce the crop indefinitely"

SUSTAINABLE
~~GROWTH~~ AGRICULTURE

CARPING
CAPACITY

SUSTAINABLE
ENERGY

ALTERATION
OF INDIVIDUAL
& ~~COLLECTIVE~~ COLLECTIVE
HUMAN BEHAVIOR
OR NEW TECHNOLOGY

"the concept has evolved - does not represent an effort to repeal the physical laws of entropy"

SUSTAINABLE ECONOMY.

SUSTAINABLE SOCIETY:

WEEK TWO: Learn everything ABOUT **PLASTIC POLLUTION.**

FACTS.

↳ SINCE THE 1950's AROUND 8.3 BILLION TONS OF PLASTIC HAVE BEEN PRODUCED WORLDWIDE.

↳ A MILLION PLASTIC BOTTLES ARE BOUGHT AROUND THE WORLD EVERY MINUTE. *only 9% has been recycled*

↳ THE AVERAGE PERSON EATS 70,000 MICROPLASTICS EACH YEAR

Thoughts: HOW!!!??

unrelavently

WEEK THREE: PLASTIC WASTE & ITS IMPACT ON ECOSYSTEMS

COLLECTIVE RESPONSIBILITY: shanghai's informal waste management report

The city's GDP has increased AT AN AVERAGE OF 7.2% OVER THE LAST FIVE YEARS.

WASTE MANAGEMENT HAS TWO PARTS:

- ↳ 1. FIRST, IS INFORMAL & GOVERNMENT RUN WITH CONTRACTED COMPANIES.
- ↳ 2. SECOND, ENTIRELY PRIVATE & INVOLVES MILLIONS OF INFORMAL WORKERS collect, store & sell waste.

landfill, incineration, recycling & recovery,

↑
MOST COMMON FORM OF WASTE TREATMENT.

↑
WASTE IS DISPOSED BY BURNING.

↑
NON EXISTENT IN SHANGHAI'S FORMAL SECTOR.

THE CONCEPT OF SUSTAINABILITY

unreliably

SUSTAINABLE BUSINESS

↳ BUSINESS & INDUSTRY ARE OFTEN THOUGHT OF AS ENEMIES OF THE ENVIRONMENT...

BUSINESS COUNCIL
FOR SUSTAINABLE
DEVELOPMENT

WORLD INDUSTRY
COUNCIL FOR THE
ENVIRONMENT

ECO-EFFICIENCY

Business began to become much more CONSCIOUS of the way they operate.

SUSTAINABLE COMMUNITIES

← RESULT OF THE BRUNDTLAND COMMISSION.

(building a community to ~~king~~ discuss environmental problems) EX. BUNN

WEEK 4: TOPIC // material research

ACCUMULATION: THE MATERIAL POLITICS OF PLASTIC

↳ PLASTICS, MATERIALS & DREAMS OF DEMATERIALIZATION

* "plastics are more than just ubiquitous manufactured products that are used all over the world..."

EXPANDING TECHNOLOGICAL CAPABILITIES

gubla percha //

→ "alliance between one material & one function"



PLASTICS ARE NO LONGER CONSIDERED CHEAP SUBSTITUTES.

enhancing the performance of plastics :

↳ REINFORCED PLASTICS ENABLED EXPANSION OF THE MARKET IN PLASTICS IN THE 50'S

reinforced plastics were introduced for the purpose of weight saving.

THE SCIENCE OF RECYCLING CHAPTER ~~SEVEN~~ 55-60

↳ METALS (BRONZE & OTHER METALS) BEING COLLECTED IN EUROPE & MELTED DOWN FOR PERPETUAL REUSE

INDUSTRIAL REVOLUTION -- NEED FOR METALS WAS MEGA.

Seven Categories of Plastic

PET	HDPE	PVC	PE-LD	PP	PS	OTHER
← #1	#2	#3	#4	#5	#6	#7 →

SCIENCE OF RECYCLING (CONT)

→ plastics are recyclable, why is recycling rare?

* ONLY 8% IN THE UNITED STATES IS PLASTIC RECYCLED

↙
#1, #2, #3
easy to recycle

↓
"VALUE OF RECYCLED PLASTICS IS VERY LOW COMPARED WITH THE HIGH COST OF COLLECTION"

IT'S ALL ABOUT THE \$\$\$

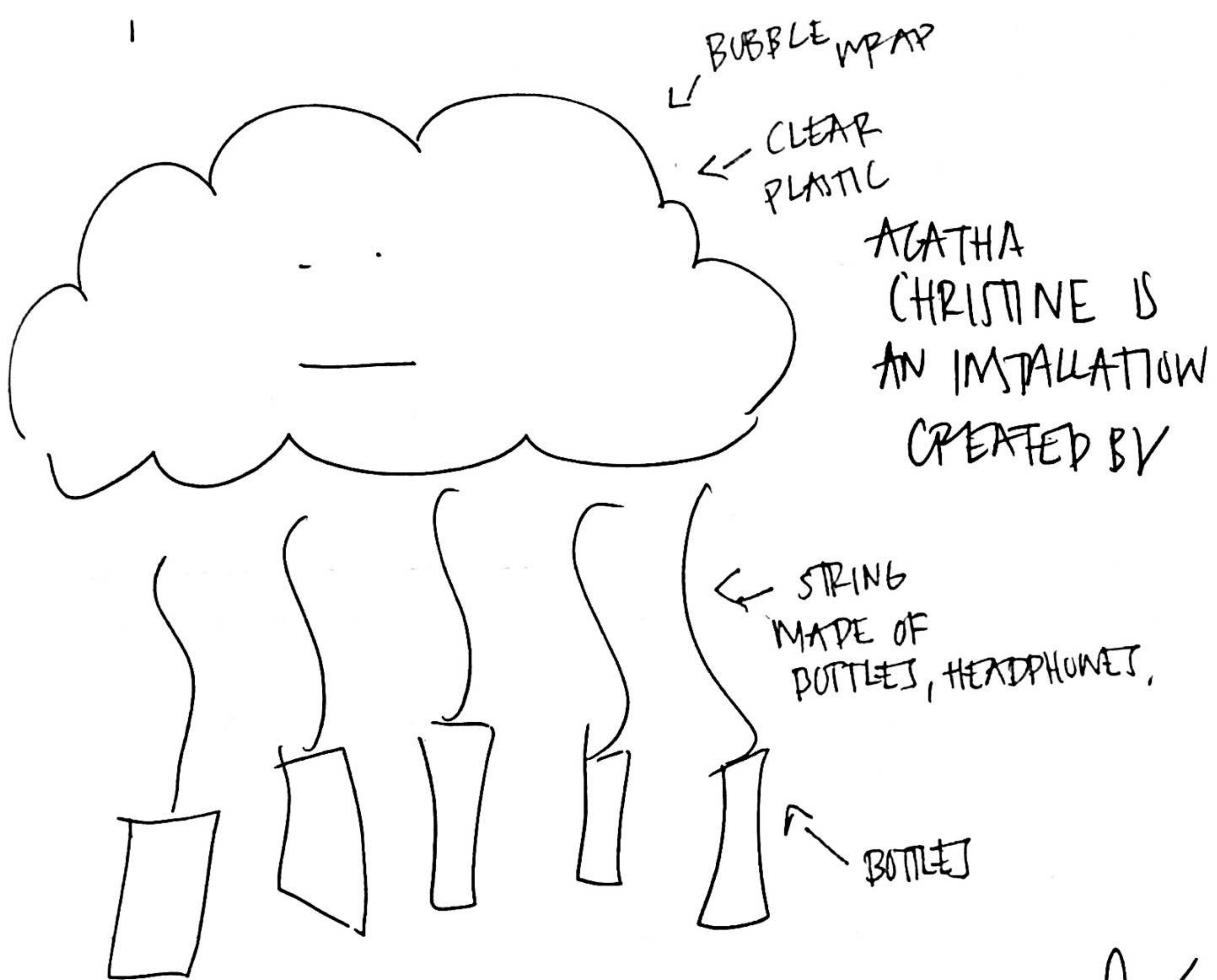
"reminds me of BOTTLES, recycle to make \$\$\$."

PRICE OF OIL INCREASES, EVERYTHING WILL BE RENDERED RECYCLABLE.

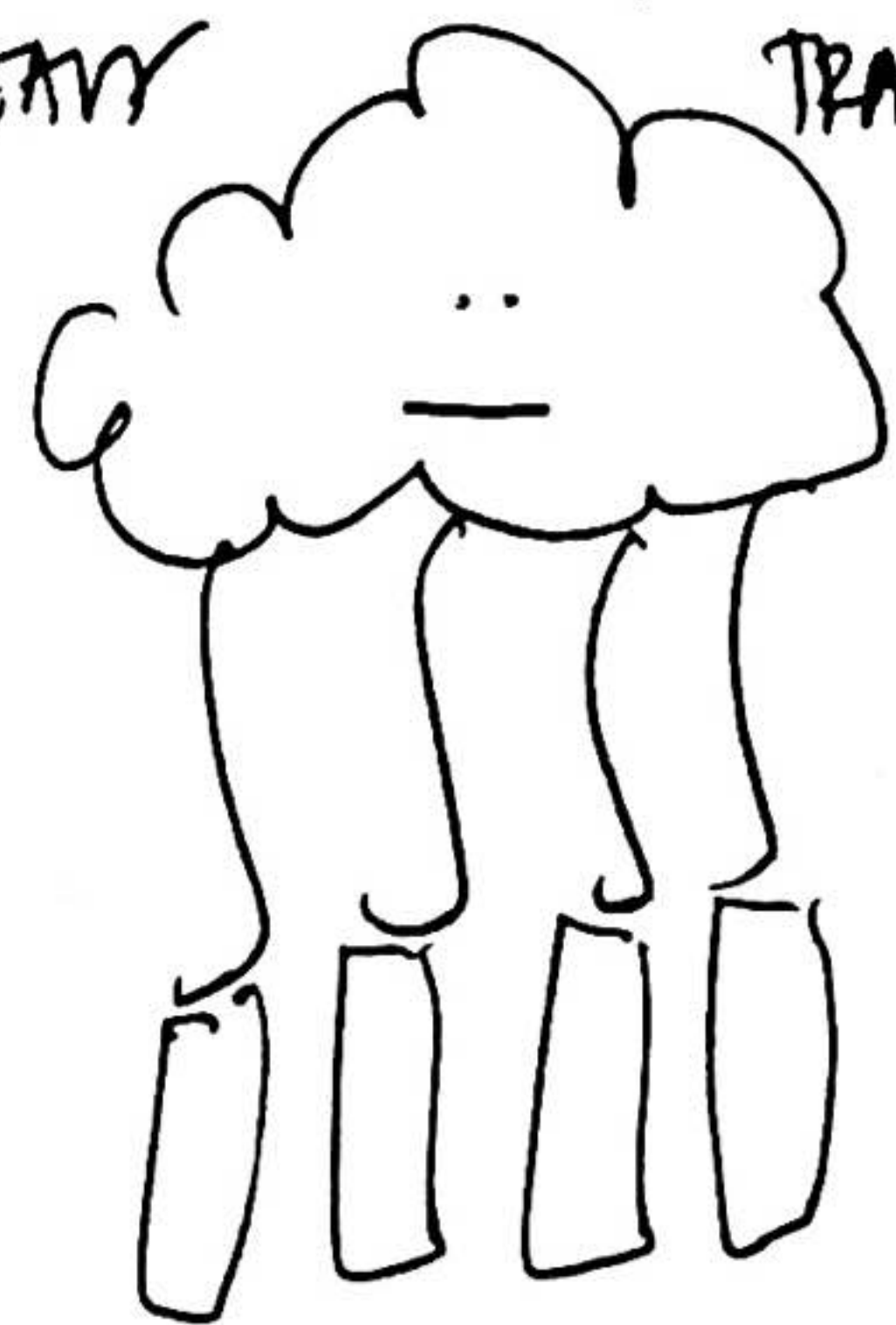
agatha
-
-
-

auréliavanelly

ART INSTALLATIONS (LOCATED IN 2F CAFE)



WE DECIDED TO PLACE "AGATHA" LOCATION: cafe
IN THE 2F CAFE SINCE THERE IS HEAVY TRAFFIC.



△	△	△

WEEK FIVE

// material research craft techniques

↳ DESIGN IS THE PROBLEM pg. 21-32
cooperation & competition

↳ COMPETITION: POWERFUL MOTIVATOR / INNOVATOR

↳ COOPERATION: USED TO SUPPORT COMPETITION
(underutilized but important)

* competition makes sure that there is new innovations *

ecological vitality

↳ all the issues affect environment.

social vitality

- pressures from users

financial vitality

"ECONOMY IS STALLED
AGAINST SUSTAINABLE
SOLUTIONS"

AN ECOSYSTEM OF STAKEHOLDERS

"DESIGNERS NEED TO BE
AWARE OF STAKEHOLDERS"

Why GOOD DESIGN comes from BAD DESIGN

"COMMON TRAP: THINKING ONE SINGLE ANSWER IS THE ANSWER"
Key Takeaway: REWRITE / REUSE

your great idea probably exists...
RUBENS CANTONI

* FIND OTHER PRODUCTS SIMILAR TO YOUR IDEA

* USERS PAIN POINTS → REVIEWS!!!

~~"Don't rethink it,"~~

ADDING FEATURES
OTHERS ARE ASKING
FOR.

"Don't rethink it, but rethink it"

mid term project //

TEAM MEMBER/PARTNER. @sophiabrockman

→ idea/concept behind project //

↳ SOFIA WENT TO MONGOLIA

& DIVE OF THE key takeaways

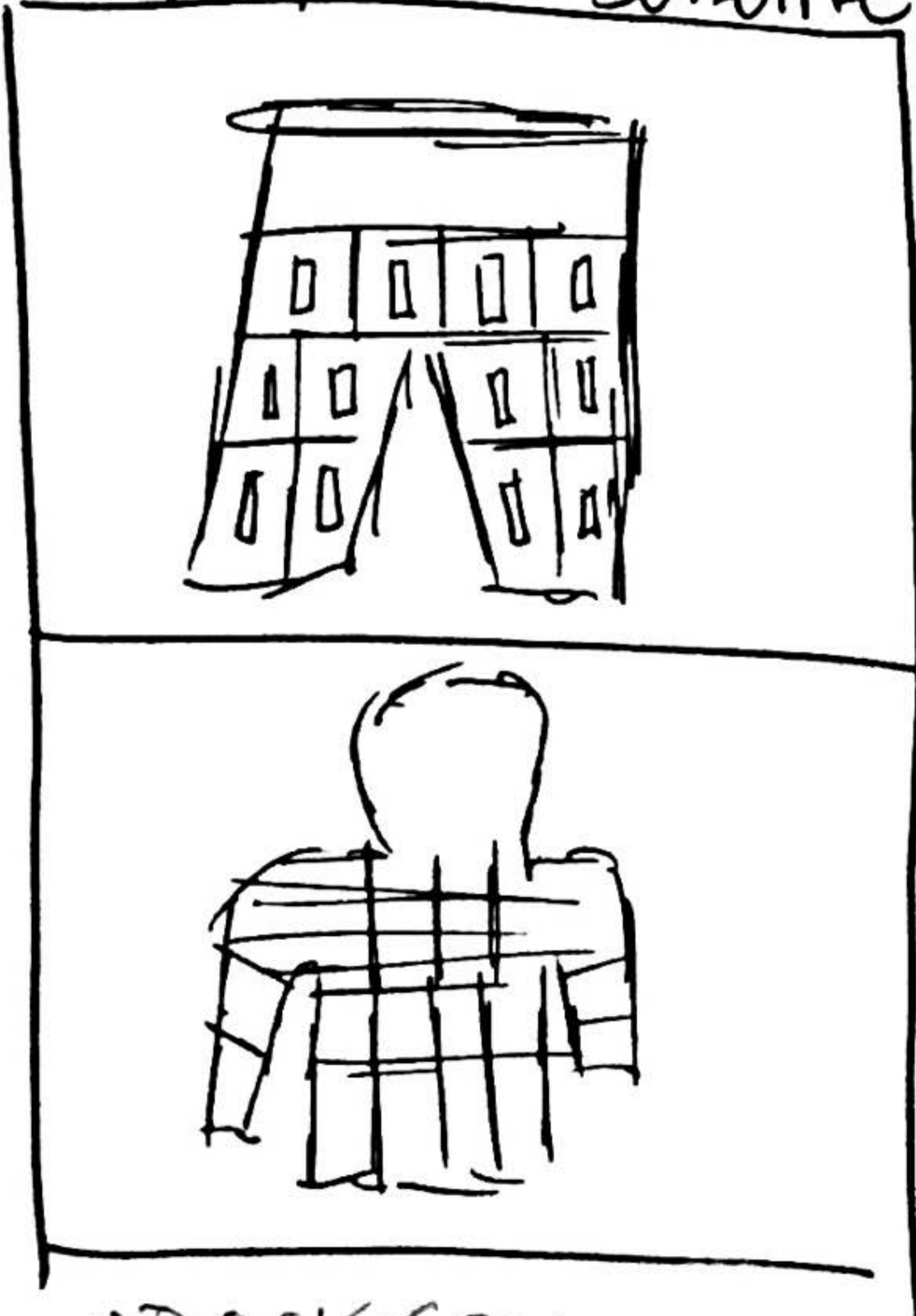
this (+) WAS HOW much ~~TRASH~~ was laying around.

FROM THE TRASH

MAN FROM SH made
more EFFECTIVE

↳ THINK how we could find
WAYS TO PICK UP TRASH.

@restrictive scheme

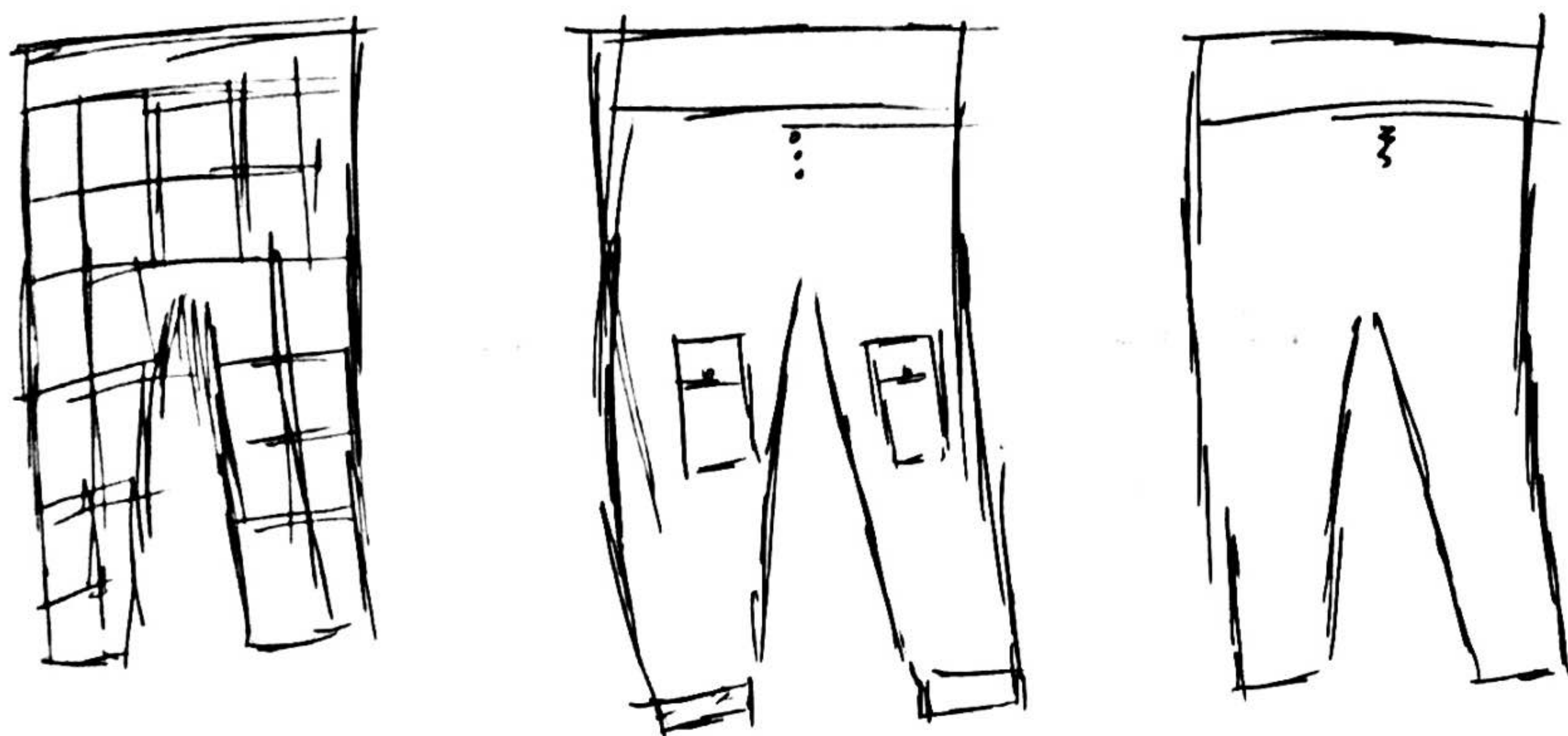


"POCKET POCKETS"

← AFTER SOFIA & I
TALKED IT WAS FUNNY
HOW A PHOTO OF
SOMEONE WHO
MADE A CLEAR
PLASTIC-JACKET/PANTS
THAT STORES
POCKETS.

SIMILAR TO a restrictive scheme
we want to create some pants
that we can be able to hold trash that
we collect.

Sketch //



we A TECHNIQUE THAT WE PLAN ON

USING IS THE ONE WE JUST
LEARNED IN CLASS,

PROMING ON PLASTICS IS THE WAY
SOE & I THINK IS THE BEST
TECHNIQUE FOR THIS
PROJECT.

IDEATION //

USER:

Create a more
attainable way
of collecting trash.

NEED:

SHOWCASE THE
IMPORTANCE
OF COLLECTING
TRASH.

environmental research 11

* AN INVESTIGATION OF YOUNG FASHION CONSUMERS DISPOSAL

HABITS.
by Louise R. Morgan & Greta Birtwistle.

↳ " THE PROPORTION OF TEXTILE WASTE BEING DISCARDED AT COUNCIL REFUSE COLLECTION POINTS IN THE PAST FIVE YEARS.

* WHY THE ROLE OF PLASTIC IN FASHION HAS GOT TO CHANGE
alina purnak

→ ENORMOUS STRIDES HAVE BEEN MADE TO GET BACK ON SINGLE USE PLASTICS

45% OF PEOPLE DON'T REALISE THEIR CLOTHES ARE MADE FROM PLASTIC.

MIDTERM

update:

AS @SOF & I CONTINUE WITH OUR PROJECT WE HAVE REALIZED THAT PANTS ARE A BIT HARDER THAN WE EXPECTED.

↳ this how has led to the creation of this:



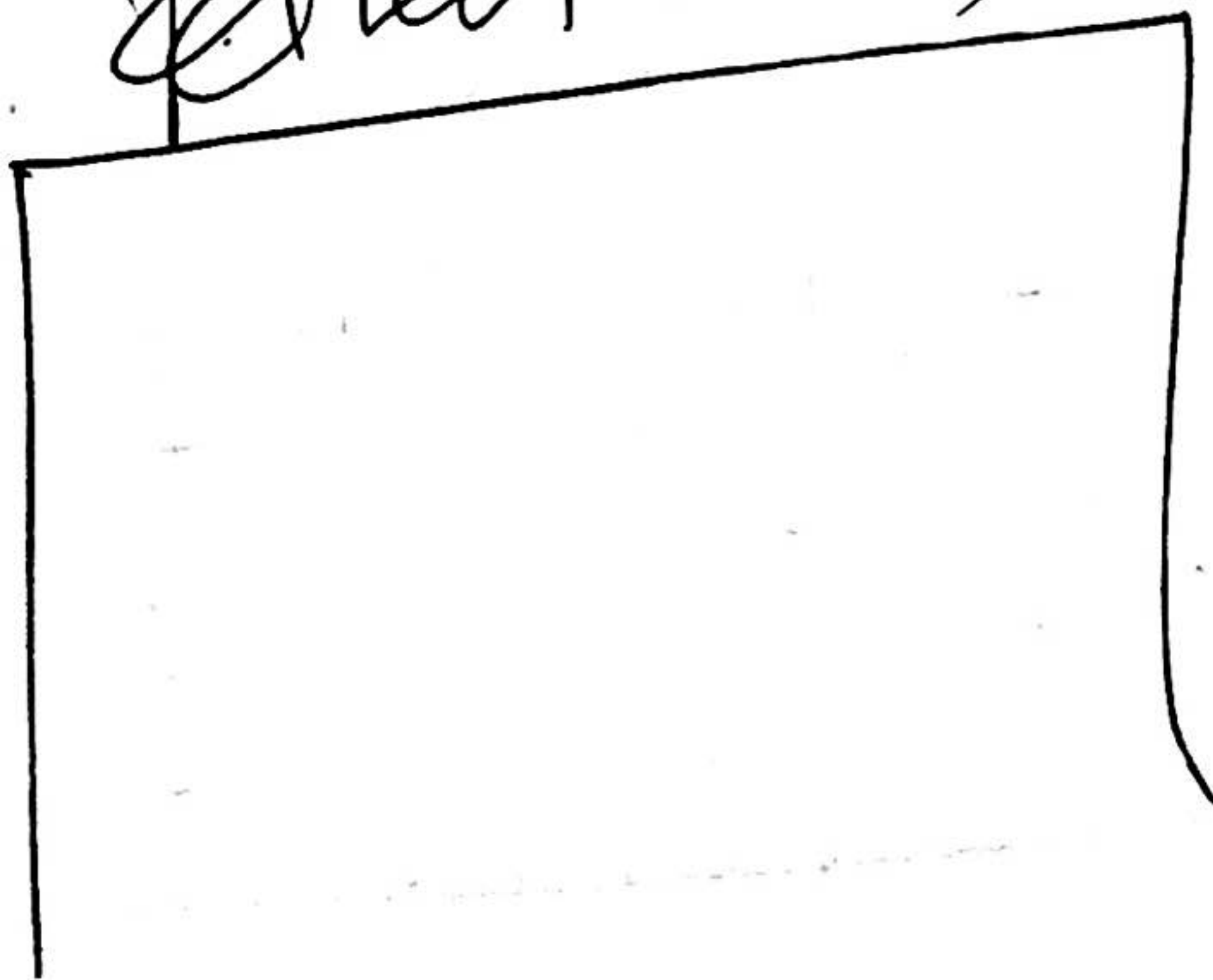
MOOD x INSPO

* CHRISTINA AGUILERA
dirty music video
chaps

* BORN IN HOUSTON, TX
"yeeehaw"

* POCKY PANTS
@restrictive scheme

* Reflection



current mood/
thoughts:

↳ PROGRESS BEING MADE!

* FIND A WAY TO MAKE THEM FLEXIBLE/STURDY.

WEEK 8 // Design for social impact

READINGS

- * IDEO: DESIGN FOR SOCIAL IMPACT
- * DESIGN IS THE PROBLEM
- * TOTAL BEAUTY OF SUSTAINABLE PRODUCTS.

Learn from CHINA

- ↳ JTERM 2019 // WOODBLOCKING / PRINTMAKING
PRINTMAKING X MAKING PRINTS
ON MATERIALS WOULD
BE INTERESTING TO DO.

References // PLASTIC SOLUTIONS

- ↳ BOOMI, ~~PLASTIC~~ TOOTHBRUSHES
~~PLASTIC~~ RAZORS

- ↳ COFFEE MUGS, MADE FROM
COFFEE

- ↳ ADIDAS, SHOES MADE FROM

- ↳ MIMI MILLER, FASHION HOWS

WEEK 9 //

NEW PRODUCTS &
ENTREPRENEURSHIP.

readings //

- * COLLECTIVE RESPONSIBILITY
- * CIRCULAR BUSINESS MODEL
- * MY PERSPECTIVE ON PROFIT

collective responsibility

measurable success -- proving the pilot can be scaled

Key takeaway //

- ↳ SCALABLE MINDSET
- ↳ STRONG HOST

flexibility
in application

- ↳ COMMITMENT TO QUALITY.

THIS WEEK'S READINGS REMIND ME
OF A READING FROM
WEEK FIVE //

"design is the problem" ---

"DESIGNERS NEED
TO BE AWARE
OF STAKEHOLDERS
& FINANCIAL
VIABILITY.

WEEK 11 //

TOPIC: DIGITAL TOOLS

readings

↳ CRADLE TO CRADLE

↳ ACCUMULATION: material politics of plastic

ASSIGNMENTS

↳ THOUGHTS ON READINGS

↳ STEP BY STEP LIST OF WHAT WILL DO TEST YOUR HYPOTHESES.

↳ LIST OF ITEMS // NEED TO PERFORM / PERFORM THE EXPERIMENTS.

CRADLE TO CRADLE remaking the way we make things

FINAL PROJECT //

INITIAL IDEA:

↳ create an installation & showcase it a sustainable event in shanghai...



↳ MANY VENUES, CLUBS, BARS DON'T REUSE BOTTLES & THEY JUST THROW THEM OUT SOOOO I WANT TO CREATE AN INSTALLATION.

LIKE A CHANDLER.

OF BOTTLES. // AS WELL

AS WORK W. BRANDS

TO SET UP WORKSHOPS



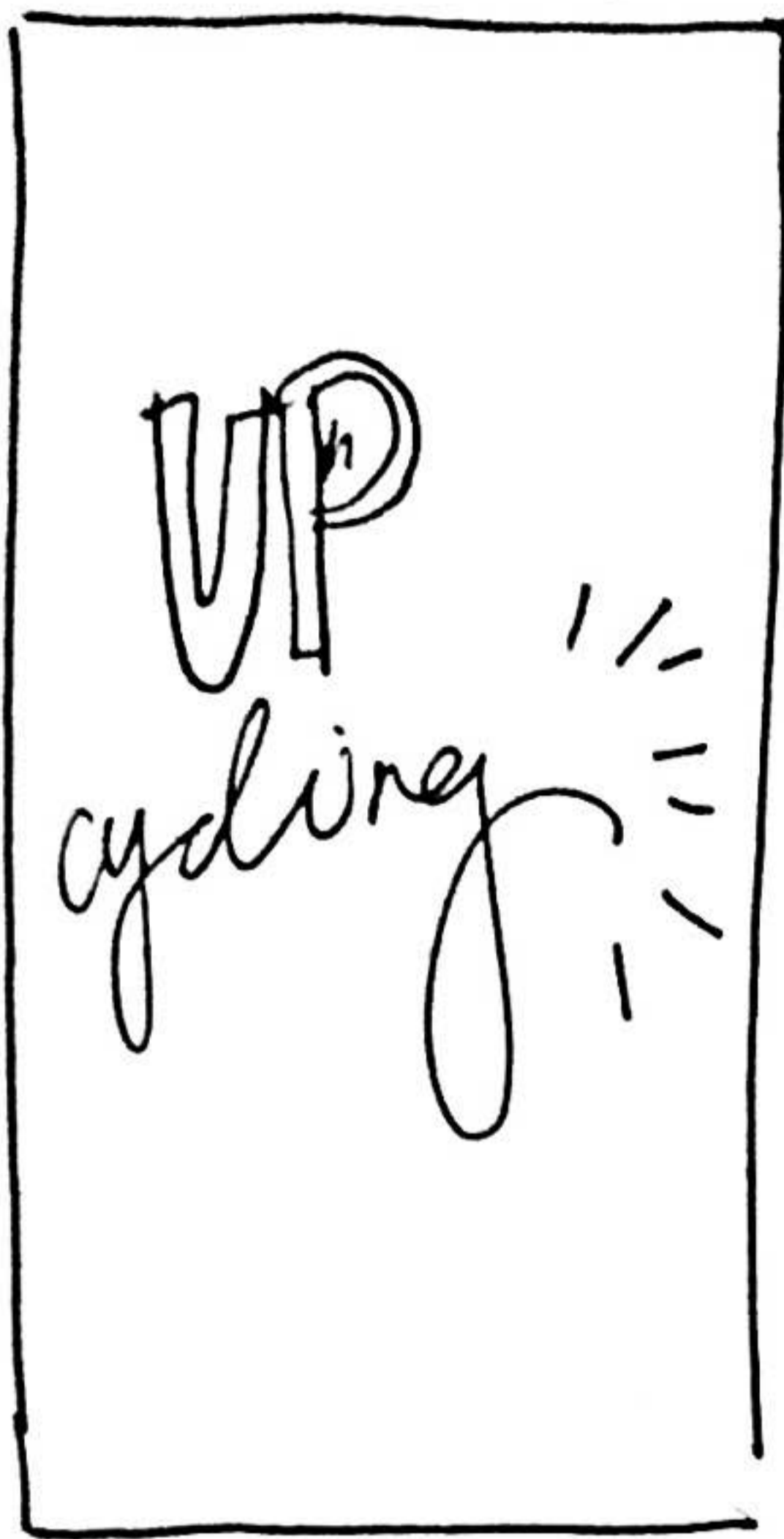
HOWEVER, after getting FEEDBACK FROM CLASS,

marcela suggested that instead of doing this outside of school why not


do it ~~outside~~ @ school, and work with
our busk & student life to work
on creating workshops @ MVSH.

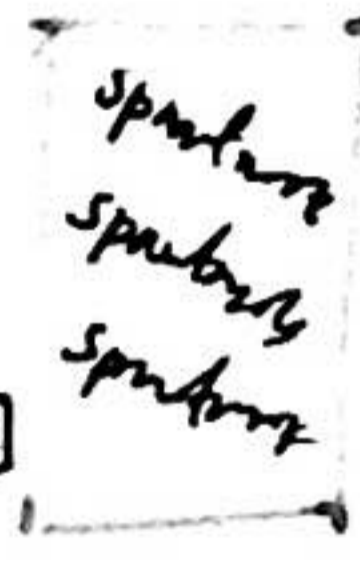
- ↳ meet with student life
MEET W. STUDENT LIFE TO SEE
IF WE CAN COME UP W. DIFF PROJECTS
- ↳ sample of products
PROTOTYPES OF DIFF PROJECTS.
- ↳ create makeup flyers
CREATE DIFF FLYERS
- ↳ sponsored events
WORK W. COMPANIES
OUTSIDE OF SCHOOL
WHY WANT TO
(SPONSOR)
- ↳ create a proposal
HAVE A CLEAN
PROPOSAL TO SHOW.

unconventionally :-|



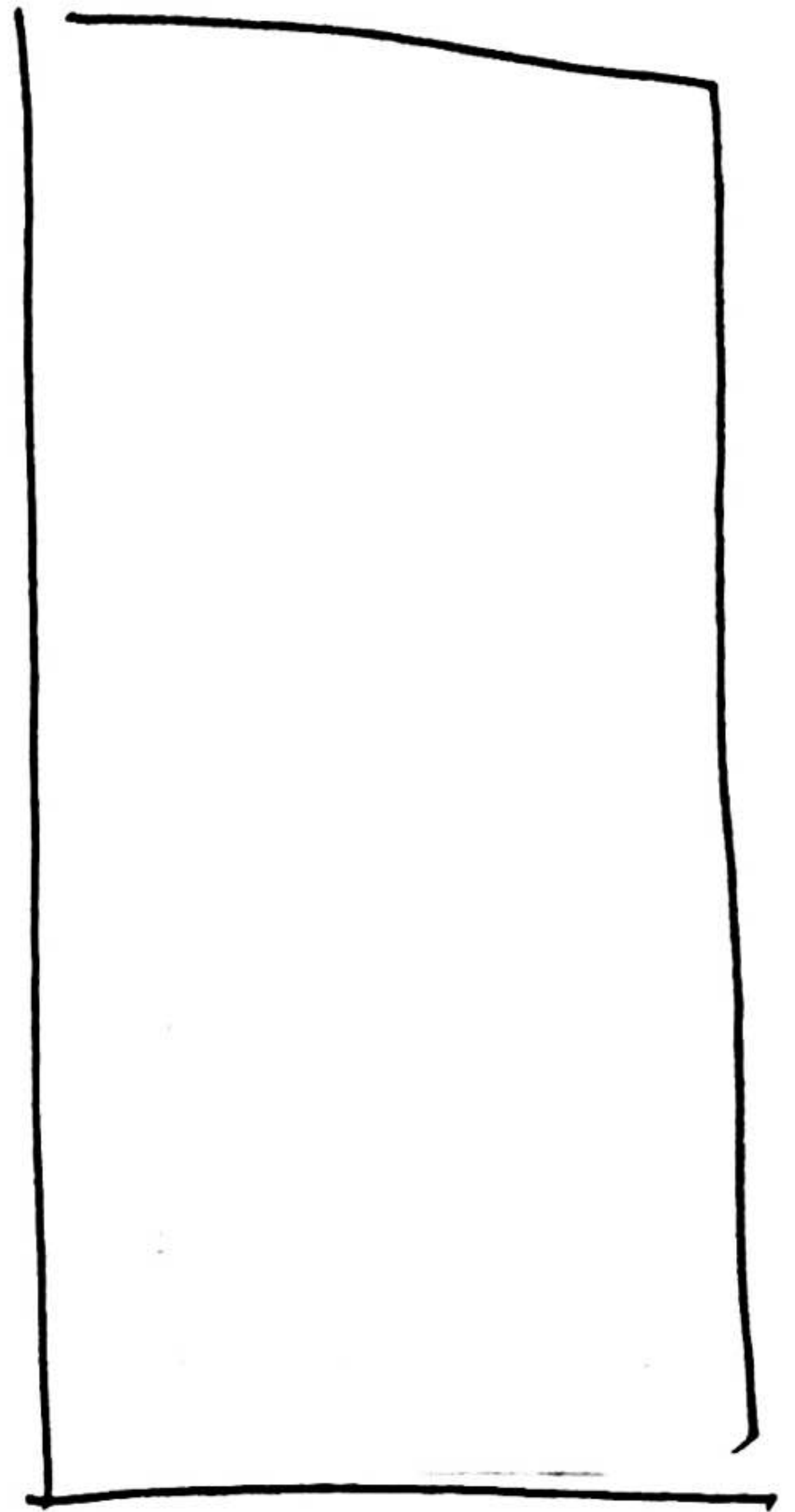
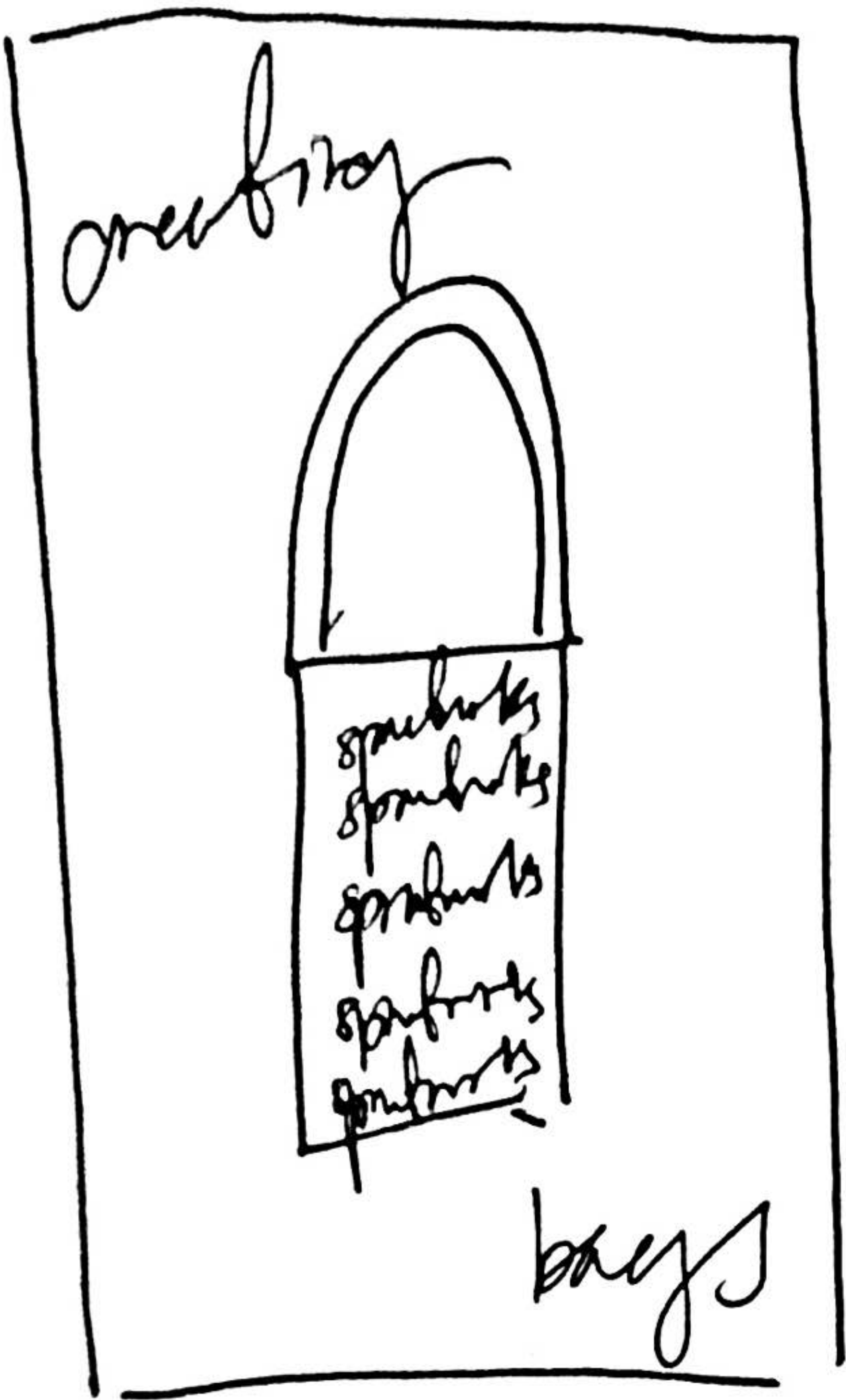
after coming in & examining the trash around the university, I discovered that what's mostly in the trash is:

↳ 1)  ← MUG/CUP
← PAPER COFFEE HOLDER / COVER. → creating something → UP CYCLE COFFEE SLEEVES.

↳ 2) PAPER FROM SANDWICHES / BAGELS →  → create bags → IRON PRESSES for // SPONSORED by SPROUTWORKS

↳ HOW TO BE MORE SUSTAINABLE // ft. Boomi 101

↳ potential collaborators (?) →

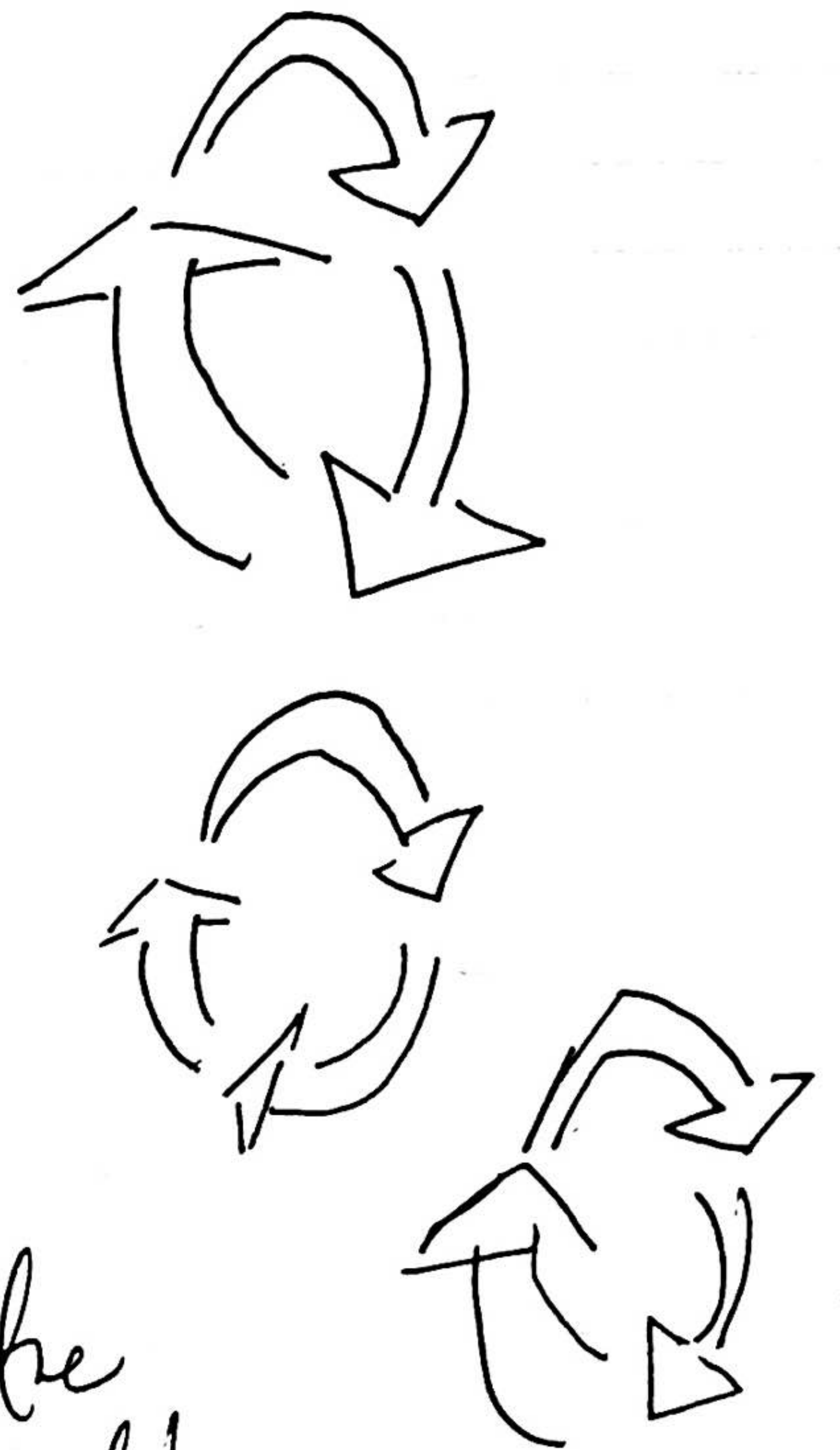


↳ SWAP //

→ COFFEE SLEEVE
NOTEBOOK
HOLDER

→ create bags //

→ boomi hosts a lunch talk on the importance of sustainability & how to do so in Shanghai



over 1700



Squid

THE IMPORTANCE
OF
#FILTERS

(WORKSHOP EXPLAINING
China's trash
system)

TARGET AUDIENCE:

* #FRESHMEN
* #SUMMER.

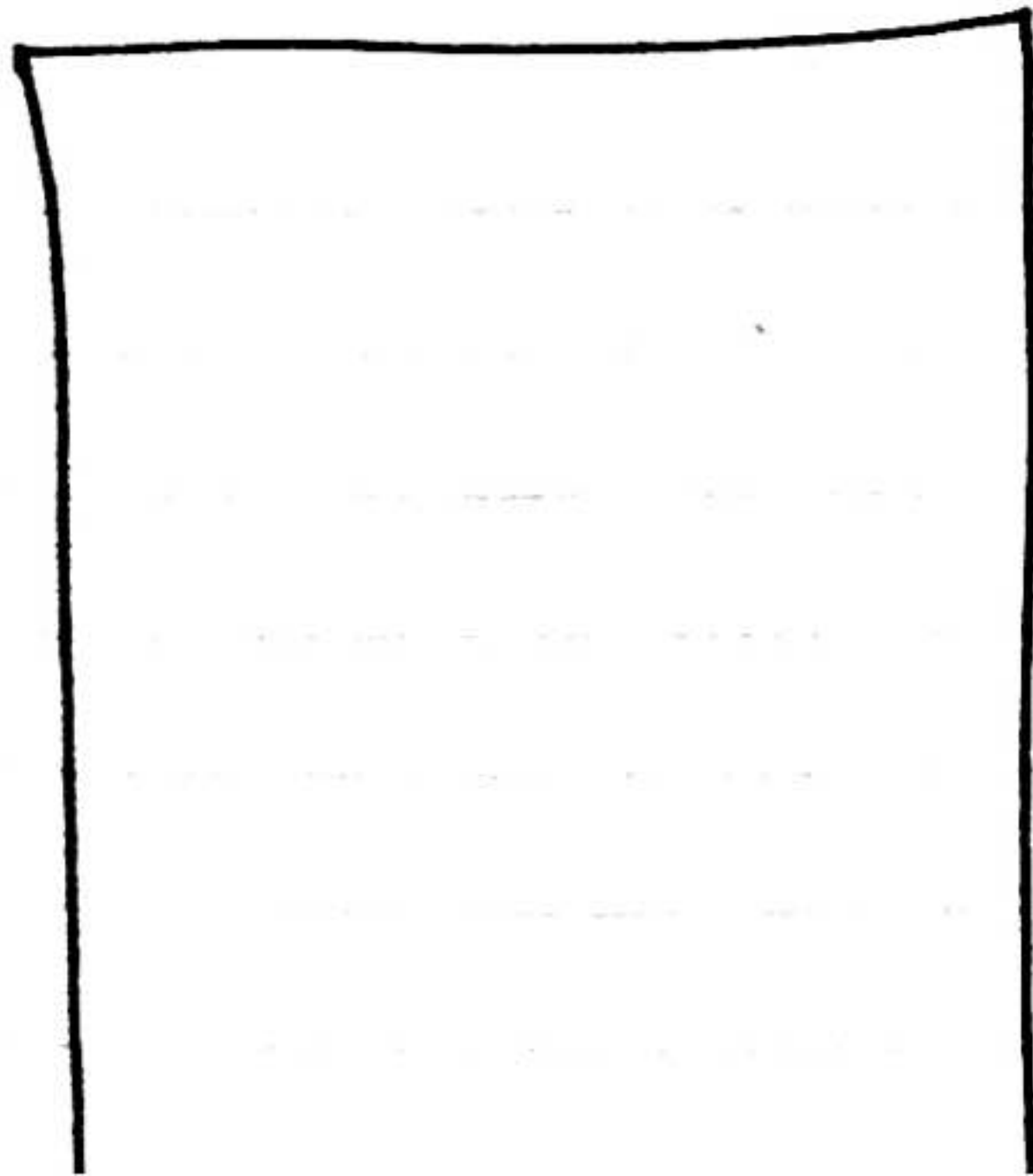
This workshop would be dedicated to students who are new to Shanghai. These ~~new rules of trash~~ policies are a bit confusing when first moving, introducing mini-apps like the one Alipay has can help newcomers adjust to the trash system as well as becoming educated on trash sorting.

#FINALS



SWAPCHELLA SPRING
2020

SWAP CHELLA, the swap festival
that every student/department
can participate in.



welcome to
nyush
FL BOOM!