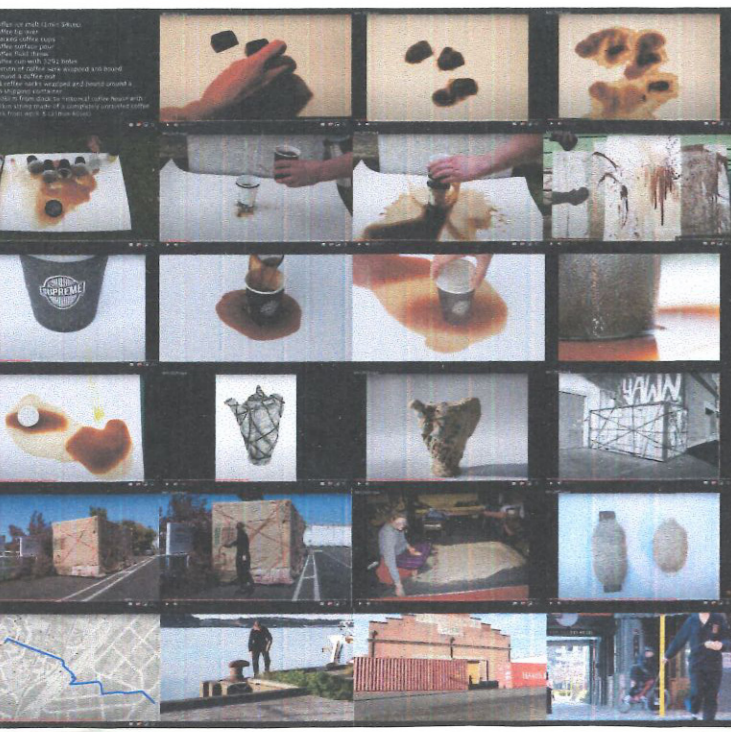


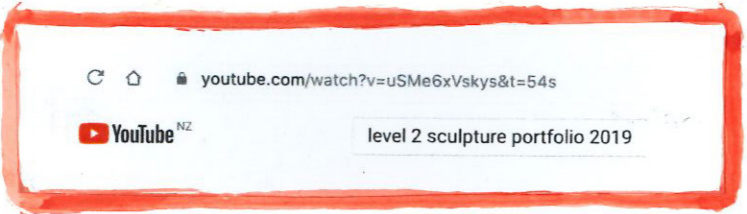
PROPOSAL



2019 PORTFOLIO

THEME - TRADE AND USE OF COFFEE
 ARTIST MODELS - FRANCIS ALYS, TOM FRIEDMAN, MI WEIWEI, CHRISTO AND JEANNE CLAUD,
 CONVENTIONS - LABOUR, TIME, REPURPOSING, DISTANCE/SCALE, MOVEMENT, PERFORMANCE, DATA VISUALISATION

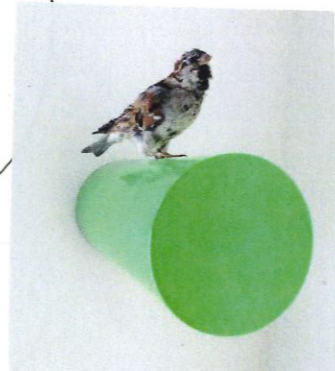
EVALUATION FOR GOING INTO 2020
 BUILDING ON / EXPLORING CONCEPTS FURTHER?
 • TRADE OF COFFEE → FOOD MILEAGE → (SHIPPING)
 → MOVEMENT ACROSS WORLD (TRAVEL)
 → TRADE BETWEEN PEOPLE (CULTURE, LANGUAGE, MUSIC)



2020

SHIPPING CONTAINERS WERE USED LAST YEAR AS A REPRESENTATION FOR TRAVEL/TRADE/SHIPMENT.

MIGRATION



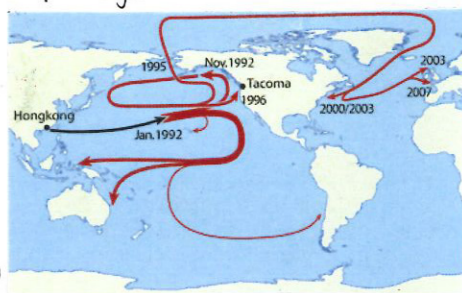
(MICHAEL PAREKOWHAI 'ELMER KEITH' 2000)

FRIENDLY FLOATEES

1992 a shipping container containing 28,000 bath toys on plastic ducks was lost - went overboard. Red Beavers, Green Frogs, Blue turtles, yellow ducks. Initially lost in Pacific ocean, ship travelling from Hongkong @ 6th Jan

Oceanographers working on an ocean surface current model began to track their progress. They were also tracking 19,000 Nike shoes that went overboard in 1990.

10 months later - first floaties washed up along Alaskan coast.
 16 Nov 1992 - Sitka, Alaska 3200 km
 28 Nov 1992 - eastern coast of Gulf of Alaska up to August 1993

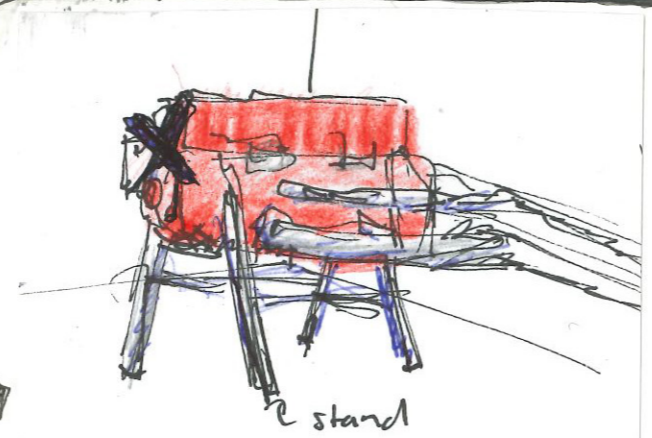


1995-1996 - Hawaii, Pacific Northwest, west coast of South America
 late 1992 - 1993 - Australia, some froze in Arctic ice
 2003 - Scotland and Newfoundland, Japan, many other places (etc...)

About 2,000 toys continue to circle North Pacific, Japan to Alaska and back. Many - Great Pacific Garbage patch

"We always knew that the Gyre existed. But until the ducks came along we didn't know how long it took to complete a circuit... we know exactly how long it takes: about three years." - Ebbesmeyer

MIGRATION / TRAVEL - PEOPLE / FAUNA
 IDENTITY, HISTORY, COLONIALISM, TREATY OF WAITANGI
 BORDER CONTROL,
 TRAVEL BY BOAT, PLANE → WATER SURROUNDED
 TRAIN, CAR, WALK → LAND



MOTOR

have a motor running for duration of the migration of godwitt (7-9 days)
 12,000 km average speed 56 km/h

INTRODUCED VS NATIVE SPECIES

- Catch (ethics) and fine introduced animals/flora
- create passports / visas
- MUGSHOTS

create a room / set up for processing the passports.

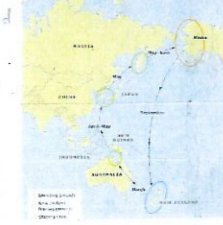
REPETITION # REPRESENTATION

GODWITT - 12,000 km - Draw 12,000 birds / Stamp / mold

Passport stamp when travelling internationally

MIGRATION - FAUNA NZ

Animals
 GODWITT - NZ → ALASKA (12,000 km) average speed: 56 km/hr
 each year migrate numbers declining → could be due to habitat changed in the yellow sea.
 yellow sea → stop over on their migrations to 2 from the Arctic breeding grounds to refuel + food
 non-stop flying for 8-9 days breed in Western Alaska
 MARCH - start departing on southern migration
 SEPTEMBER - start start return
 HIMPBACK - south pacific → Raoul island → Antarctica (breed)
 SKILL
 TOROA - around southern ocean 190,000 km/year nesting - toroa band 85% live at sea
 red shift sand 3-5 full light september parents fly but sea before return to land young will fly first for 3-5 years before returning to breed on usually



would I need to take photos of them myself?

NATIVE WAVEVE & LOOK IN CREATING PASSPORTS FOR INTRODUCED SPECIES

Eg. Birds, Plants, Mammals

Used photocopy for this drawing but could look into acquiring real old passports

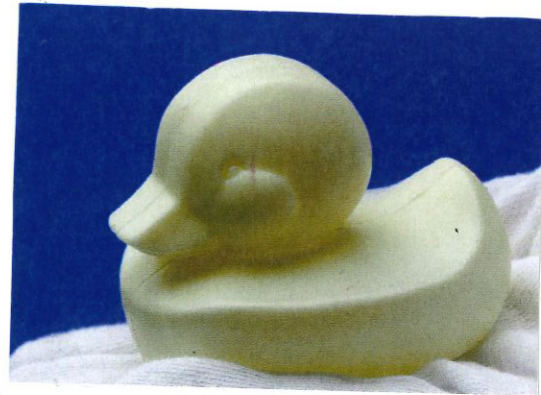
created nz passport for introduced species or would I use passport from where they are originally from.

Performance vs Display
 act of making them is more important
 how / where / why they are

Godwitt PASSPORT OF JOURNEY! 80,000 migrate Organise performance community work making 70,000 passports

FRIENDLY FLOATEES SCULPTURE INITIAL IDEA:

- Cast rubber ducks and place around Dunedin
 • Cast the # of toys that remain 'lost' in the ocean - 2000 -
 • Cast out of: ? concrete ? plaster ? wax



ARTISTS MODELS

Ai Weiwei, 2010 - 'SUNFLOWER SEEDS'

100 millions of individually handcrafted porcelain sunflower seeds. There is approximately 10m² - 10 tonnes of seeds.



also configured in a continuous rectangular field about 10cm deep with walls on 3 sides confining the work. "Spread across the floor of Tate Turbine Hall like stones in a Zen Garden"

SUNFLOWERS?

"The times I grew up, [the sunflower] was a common place symbol for the people, sunflower faces the trajectory of the red sun, so must the masses' feeling towards the communist party."

When the Chairman goes past waving
Brilliant sunshine fills our breast

When the Chairman goes past waving
Countless sunflowers bloom towards the sun...

Chairman Mao, Chairman Mao
You are the reddest red in our heart!

When + Where Ai Weiwei grew up, China was ruled by Mao Zedong - Chairman Mao - a Chinese communist revolutionary who became the founding father of Peoples Republic of China. He ruled as the chairman of the Communist Party of China.

Weiwei recalls of how 'if Chairman Mao uttered a new instruction from Beijing in the afternoon, by the next day we'd all wake up to the sounds of drums and cymbals, and people would march the street, shouting the new sentence.'

'After this slogan was announced, the commune would organize its own gathering, and everybody had to attend, from young to old.'

'Everybody brought a stool from home. Then they'd sit down and start to eat sunflower seeds from their pockets.' 'Because they had to do something. Normally those meetings made everybody nervous, because nobody knew what would happen. So people ate sunflower seeds and everybody would have a pile of shells in front of them and you could see immediately who was the most skilled, because their pile would be much bigger. My mother can eat them very quick. And her shells would be very clean, not cracked - like a bird.'

'Somewhere within all this, the humble sunflower seed - snack, symbol, sedative.'

'Sunflower seeds were a part of conversation, it was a very natural act. On the train, on the bus, waiting for the bus, everywhere. Of course, at weddings and any celebrations, you'd see them. You'd feel a natural connection eating them with someone.'

MADE IN CHINA

the traditional process of making the ceramic seeds - second look and think about the phrase

EMULATION of 'ONE MAN SHOE' 1987
Shoe, wood



- repetition
- production
- destruction + reconstruction
- political → refugee (boats migration)
- repurposing
- scale
- mass
- arrangement
- site-specific installations

MERET OPPENHEIM 'DAS PAAR' (THE COUPLE) 1956



ANTHONY GORMLEY

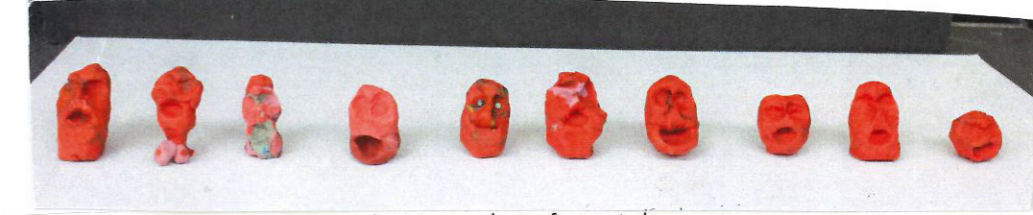
- repetition
- process
- figure
- scale

FIELD 1977
210,000 clay figures
125 tonnes of clay



ONE & OTHER 2009
06/06 - 04/19

A plinth occupied for 100 consecutive days. It was a day by volunteer members of the public for an hour at a time. 2,400 people would be able to participate

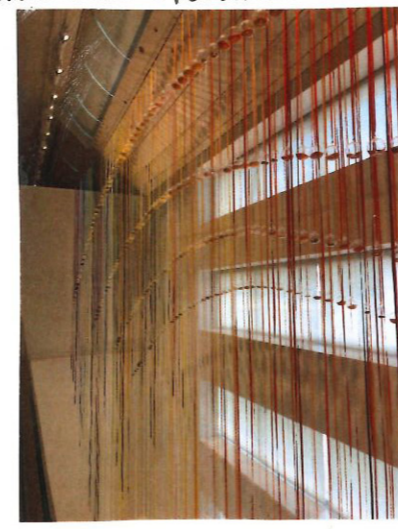


EMULATION - based off of Gormley's 'Field' figures

TIFFANY SINGH

VISITED BOTH WORKS AT 'TOI ART' IN TE PAPA WELLINGTON

- LIGHT
- SUSPENSION
- INTERACTIVE
- COLOUR
- ORDER
- REPETITION



TIFFANY SINGH (1978-) NZ

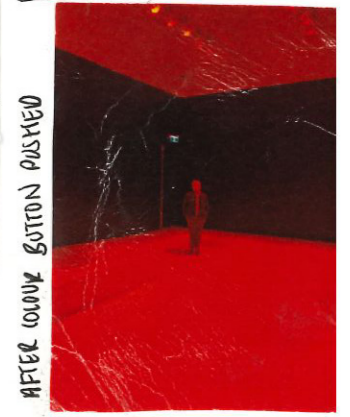
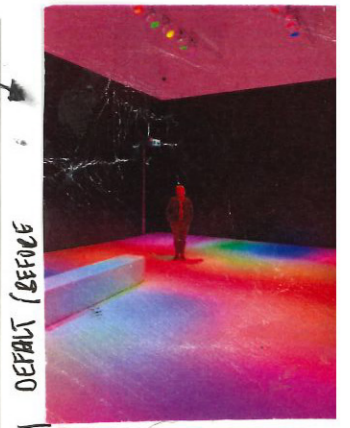
TOTAL INTERNAL REFLECTION (2018) - interactive

looked at the relationship between colour and mood / emotion / wellbeing.

- buttons + seats
- but restrictive control over time period between colour changes, and what surfaces
- (floor-white, walls-black) will show the colour's/light.

Indra's bow (2016-2018)

- spices, herbs, gemstones and other natural materials believed to have healing properties arranged (suspended in rainbow vision of hope ineb by -ivings) Fair-trade bells hang on ribbons and below is a salt ground symbol for cleansing and ritual.
- encouraged us to acknowledge spectrum of colours seen in everyday life.
- Indra → Hindu god Indra who used rainbow to destroy evil.
- also inspired by Hindu festival of Dussehra which celebrates triumph of light over darkness



DEPART (BEFORE)
AFTER COLOUR BUTTON PUSHED

OLAFUR ELIASSON

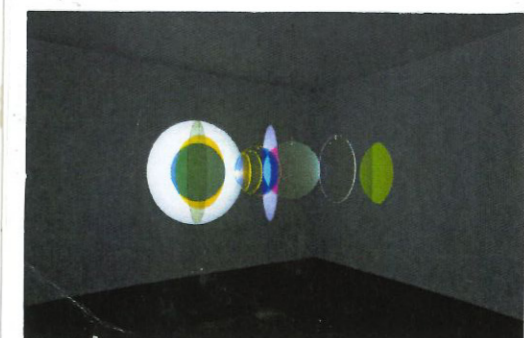


Half-a-minute mirror 2010

- LIGHT
- COLOUR
- INTERACTION
- IMMERSIVE
- PHYSICS
- STRUCTURE
- REFLECTION
- ENVIRONMENT / WEATHER
- TIME

Projector, colour-filter glass (cyan, magenta, yellow) stainless steel, motor, ballast

3 glass disks slowly rotate as projector projects circle of light. Disks hang at eye-level



Rainbow Assembly 2016

multiple spotlights illuminate circular curtain of fine mist. a shimmering rainbow can be seen from certain POV - forcing viewer to move around amongst to alter what they are seeing depending on where they are

darkened space / room



Rainbow Assembly 2016

ART HISTORY

ITALY
MANERISM.

PLASTER OF PARIS - Gypsum

Calcium sulfate hemihydrate - fine white powder
Doesn't shrink, crack
Created $CaSO_4 \cdot 2H_2O + \text{heat} \rightarrow CaSO_4 \cdot 0.5H_2O + 1.5H_2O(g)$
150°C

Medicine
casts for immobilizing broken bones or muscles etc. and creating impressions.
Dentistry
dental impressions

Renaissance - Gesso
Plaster mixed with animal skin glue made from boiling animal hides in water. Brushed on in layers to provide barrier and clean flat surface on wood/canvas - prevents absorption.

Fresco
Plaster made from lime, water and pozzolana (volcanic ash)
Buon fresco - paint (ground pigment + water) into wet plaster
Secco fresco - paint onto dry plaster
In dry environments/climate fresco was extremely permanent and long lasting. Pigment would fuse with wet plaster. Secco fresco not as long lasting and flakes off. Pigment becomes brittle and affected by alkaline (pH) lime plaster. Fast drying time so artist had to work relatively quick and plan/prepare how much giornata (wet plaster) for the one day of painting.
Although fresco dates back to antiquity, it was revived in 15th century Italy. Used to paint/decorate walls, ceilings, buildings.



GIOTTO
'THE LAST JUDGEMENT'
1306
SCROVEGNI (ARENA) CHAPEL, PADUA
Fresco
ARRANGEMENT
- GRID OF FIGURES TOP LEFT / RIGHT
- HIERARCHY



VERSION ONE
NO ERMINE
VERSION TWO
ERMINIA ADDED
HAND ADDED
FIRST EDITION OF ERMINE
VERSION THREE
HAND
ERMINE
LEONARDO DA VINCI
'LADY WITH AN ERMINE' 1489-1490
OIL ON PANEL

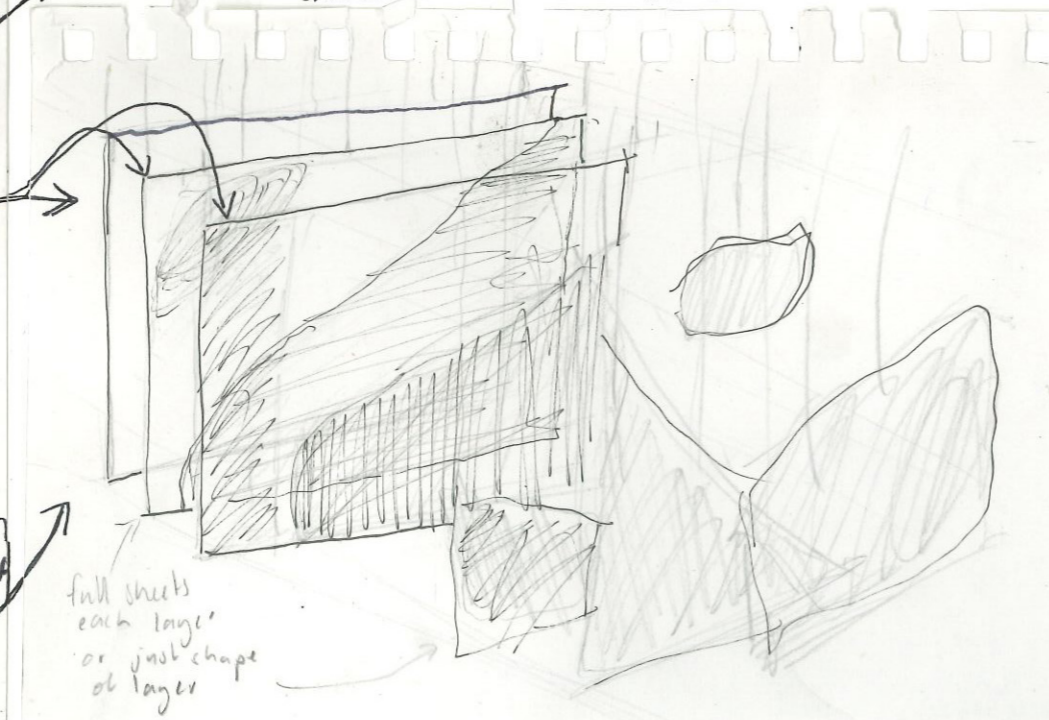
ART HISTORY CONT.

Leonardo da Vinci 'Lady with an Ermine'

- Conventions / ideas:
- Oil Paint on walnut panel
 - Glazing technique - layers and layers of thin transparent paint + colour
 - base white background + glazes of colour - glass-like/jewel / depth / reflective / intense colour
 - Various versions
 - Three different versions of the painting
 - Lady - no ermine
 - Hand + 1st version of ermine
 - Final one seen today

Layers (many many) that individually don't create the work but the collective of the layering of colours/tones create the image as well as layers of different versions

IN SCULPTURE:
Pull apart painting expanded in layers of colour
↳ interactive - wall through/in-between the transparent layers
↳ acrylic
- paint a glaze onto plastic sheet



MY EMULATION - GORMLEY 'MOTHERS PRIDE'

The relationship between bread and religion/Jesus Christ. The 'breaking of bread'.
Learn / previous interest from Art History - Renaissance - so many religious works!



DETAIL
LEONARDO DA VINCI
'THE LAST SUPPER'
1495-1498
JESUS WITH BREAD (+ WINE)

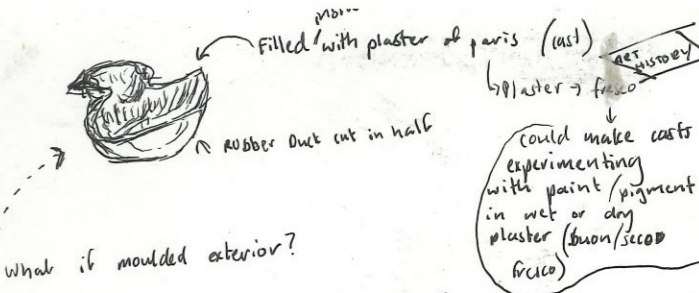


DONATELLO
'DAVID'
1400s
cast bronze

cast from a mould
[cast ducks from moulds]



PLASTER LASTS OUT OF RUBBER DUCK. USED PLASTER OF PARIS. INFLUENCED BY THE FRESCO TECHNIQUE I ADDED PAINT/INK/DYE TO PLASTER WHEN WET.

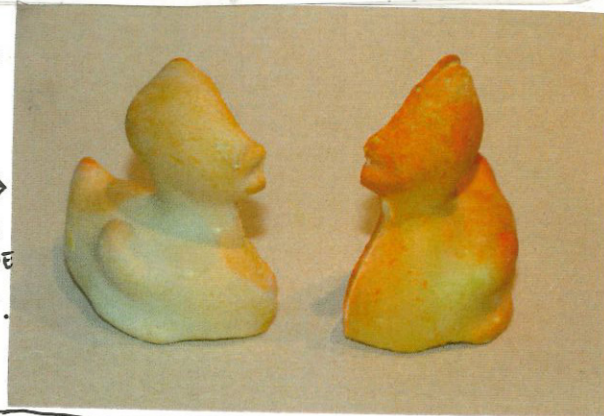


What is moulded exterior?
cast as whole, use 2 sides and use metal coin to hold sides together + tape??



TRY LAST WITH CONCRETE??
easy to remove from duck as made of flexible plaster
↳ get more from \$\$ store

- EXPERIMENT ONE - CAST PLASTER OF PARIS ✓ successful
EXPERIMENT TWO - CAST plaster of Paris and yellow dye ✓
EXPERIMENT THREE - SOAP CARVING
EXPERIMENT FOUR - BREAD BAG DUCK - PLASTER DUCK HAVE DUCKER + BAG
EXPERIMENT FIVE - PLASTER DUCK + ACRYLIC PLASTIC VACUUM FORMED MOULD



MATERIAL/OBJECT

THE SHOPPING TROLLEY

First premiered in 1936.
 Studies show consumers will buy up to 40% more when they shop with trolley rather than a basket.

Symbol for consumerism
 Irony
 - often used by the homeless - to contain sometimes their entire collection of what they own.
 - however the consumers fill an entire trolley often even multiple times a week for large or wasteful families/homes

BREAD → FOOD MILEAGE OF INGREDIENTS AND PLACE OF PRODUCTION

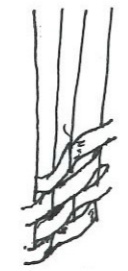
BREAD - USED DAILY BY MANY MANY PEOPLE - BREAKFAST, LUNCH, DINNER + SNACKS CAN BE CHEAP AND FILLING SOURCE OF FOOD

IN LOCKDOWN MANY PEOPLE STARTED BAKING BREAD. INGREDIENTS SUCH AS FLOUR AND YEAST WERE OFTEN SOLD OUT.

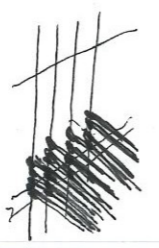
SUPERMARKET/MASS PRODUCED BREAD USED IN GORMLEY EMULATION AND IN FURTHER WORKS. DUE TO COVID-19 + LOCKDOWNS SMALL BUSINESS HAD TO CLOSE DOWN INC. LOCAL BAKERS THAT MADE HANDMADE + TRADITIONAL LOAVES.



old scrap clothing - weave through or plastics
 ↳ could use order to arrange old scrap trolley + clothes into organised beauty??
 - colour arrangement / gradient?



cover trolley bars/wire with zip ties



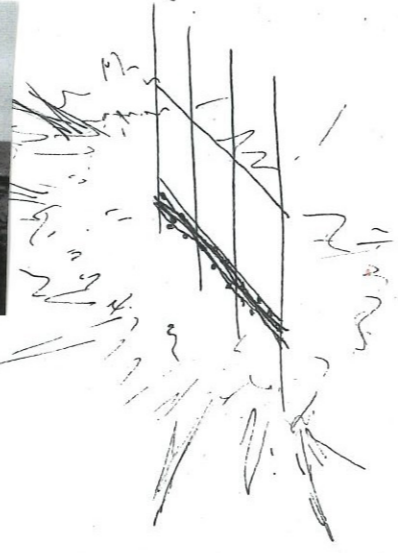
Ai Weiwei model work of joining two Primary use

- conventions
- repetition
 - using collected materials with meaning → re purpose
 - re construction
 - mass / scale (large)
 - neat, finish



ANDREW DRUMMOND
 EARTH VIE
 1988
 LAKE MATHEWAN PERFORMANCE
 WHITE SUIT
 significance
 social distancing
 + food / money / lot

LED / fairy lights
 glows



COVID-19 - influence on material & object

SUPERMARKET TROLLEY
 • ESSENTIAL WORKERS/STORE
 • PHYSICAL DISTANCING 2M - double trolley length

IN LOCKDOWN IT WAS A COLLECTIVE EFFORT TO ELIMINATE COVID-19.
 ↳ TROLLEY 'PUSH ME PULL YOU' - COLLABORATIVE BALANCE
 ↳ LOCKDOWN - ISOLATION
 ↳ GORMLEY EMULATION OF INDIVIDUAL FIGURE VOID

SHIFT OF WORKS IN MY PORTFOLIO
 BEING IN THE OUTSIDE/EXTERIOR ENVIRONMENT TO THE INTERIOR ENVIRONMENT INSIDE ROOM.
 INSIDE WORKS INCORPORATED IDEAS ABOUT THE INSTALLATION BEING A CONTROLLED INTERACTION FOR THE VIEWER



↳ PERFORMANCE → WALK IN FULL TROLLEY AND BUY BREAD. [5:38]



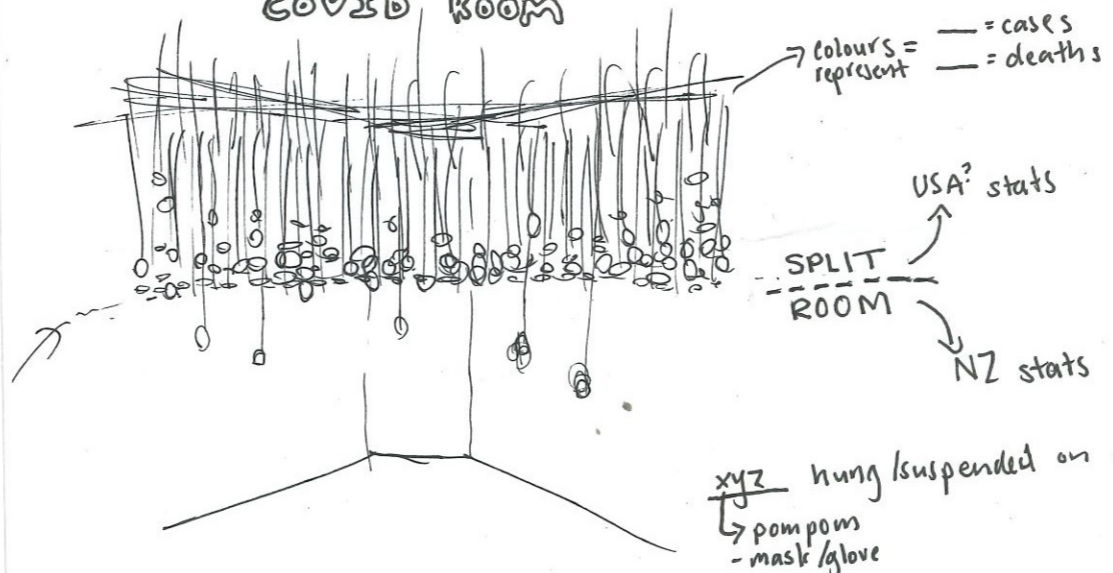
- VERSATILITY OF BREAD AS MATERIAL
- SOFT (SUPERMARKET WHITE BREAD) ARE MOLDABLE, DELICATE
 - CRUMBLED
 - CRUST / CRUNCHY
 - DRY OUT - SOLIDIFY - CRUMBLY
 - EXPIRATION → MOULD (TIME)

Where to go?

- ↳ sides of trolleys are unable to push in could you climb in? covered top → TRAP
- ↳ leave open let people climb in?
- ↳ leave as is.
- ↳ put a mini world / figures in trapped → global isolation
- ↳ fluorescent 'germs'
 ↳ all over or contrasting 1/2 / 1/2
 or dissipating as reach 2m mark

isolation
 ↳ stuck
 ↳ claustrophobic

COVID ROOM



xyz hung / suspended on thread
 ↳ pom poms
 - mask / glove

SUPER MARKET BREAD

GORMLEY DISCUSSION / QUOTES:
 'bread as a material that expresses humans relationship with the material world'
 'industrialisation of the very stuff of life'

The modern bread brought has come far from the organic.
 It is brought square, bleached white (flour), pre-sliced to an absolute 8mm thick slices.

LIGHT

HISTORY (Pg.) → RELIGIOUS BUILDINGS
 TRANSPARENCY AND VIBRANT COLOURS
 SIMILAR TO / RELATE TO GLAZING OF OIL PAINT
 THE CELLOPHANE ACTS SIMILAR TO STAINED GLASS THAT OFTEN APPEAR IN CHURCHES

Cellophane windows

1 layer thick cellophane taped to the inside of the windows.

EXPLORATION

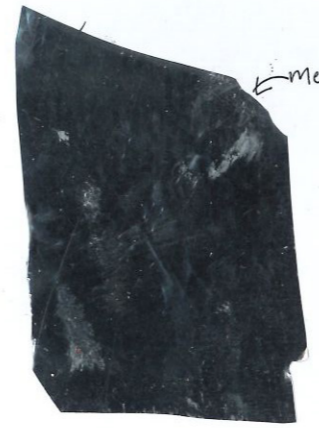
Olafur Eliasson
 "Your Rainbow Panorama" emulation

Explores:

- light/shadows
- movement
- diverging colours (vice-versa)
- multiple and coloured shadows
- contrast between inside and outside viewing
- day-time, colour inside but out looking in it just appears dark
- night, colour appears inside normal light projection, outside light box view.
- intensity changes



LAYERING

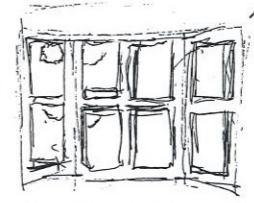
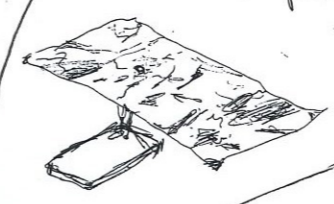


media: reflective film

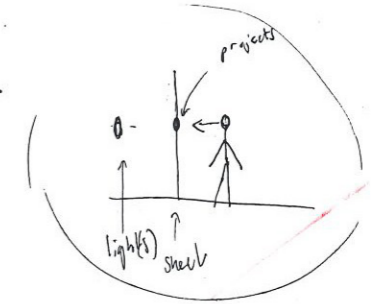
Exploration

See through?

up close or on opposite side of light source



cover window? → layer with cellophane
 ↓
 Sun + led/produced light



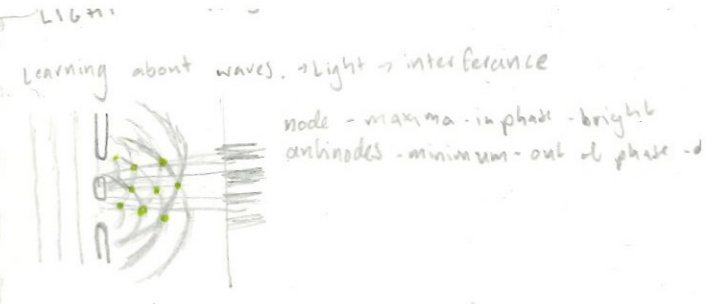
suspended sheets
 in middle of room,
 can walk either side
 with head torch. See
 other people on other
 side to you

at home exploration

Lay on ground and stone torch on it. Played with movement + positioning of torch.
 Reflected up onto ceiling.

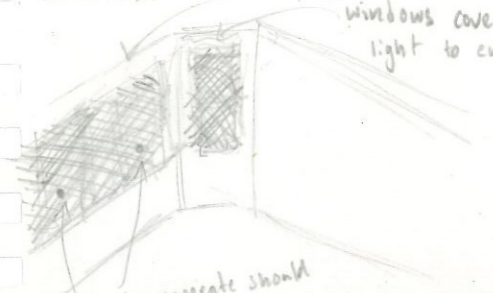
Could put over ground, in my room and allow people to walk on / under with torches. to see makes them explore the media + reflections.

EXPLORATION OF REFLECTIVE FILM + PROJECTION/LIGHT PICTURED ON 'ART HISTORY' PAGE



IN MY WORK

in my room/studio, additionally to creating an obscura from the single diffraction of light through a small point, have two points (pinholes) in the otherwise blacked out space and see how they interfere.



how far separate should holes be?

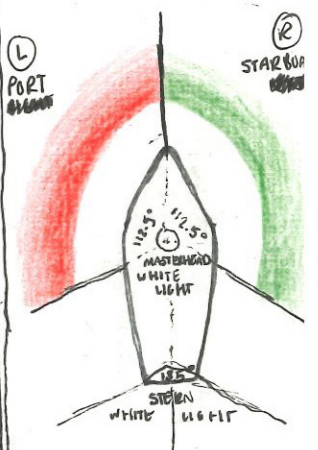


SCHOOL STEPS

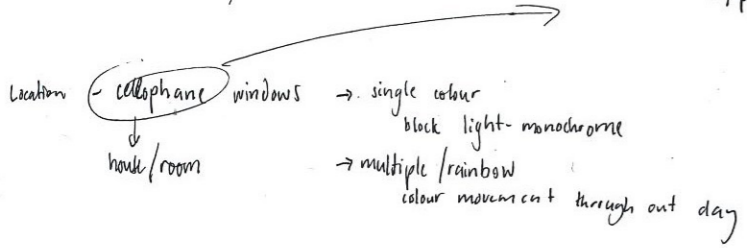
As part of an initiative at school for pride month, I painted the rainbow, ascending an ascending either side. This use of colour (bright / vibrant) similar to Eliasson and his use of colour in his sculptures

NAVIGATIONAL LIGHT

Boats, planes, etc systems.
 Link colours/light to towns might as it is used by human movement.

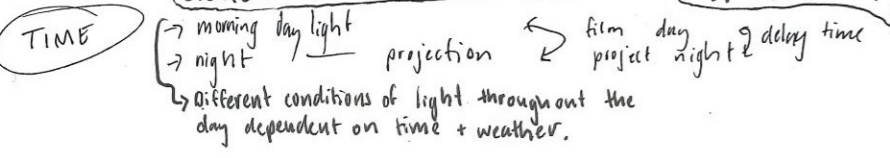


LIGHT



other materials → plastic - wrapping / food things
 could produce shadows of writing and logos eg. hulk / wags / carts bag. / bread bags

Can be used as a sculptural element. Both for light and other concepts I have been exploring (eg. time for migration) could be used to show ideas of sculpture. Time as a sculptural element can be used in the labour of making the sculpture or in the presented sculpture itself.



- colour of objects vs light source
- shadow
- light movement

example of this is at the Otago Museum Science Centre - TJHURA. Section where you are immersed in yellow light and have access to a torch (white light) and can guess what colour the objects or patterns on wall are.

- ↳ sun / moon movement throughout day
- ↳ pairing objects to create movement
- ↳ projection into moving thing (distortion)

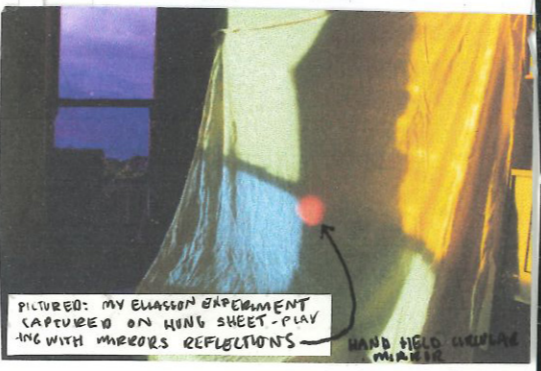
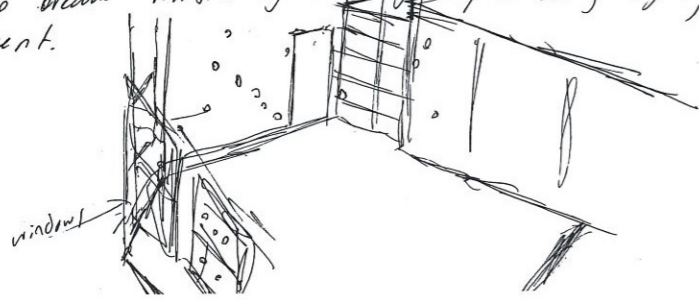
3d dimensionality
 ↳ to light which is generally very 2 dimensional.

- glass, water, mirror light/shadows

two mirrors set up so light reflects to the same point during the day
 ↳ reflecting light → morning light reflects through hole to where evening light and vice versa at the end.

Block out light except holes, record where hole light hits to create pattern
 could put sticky note in shape of cast light. could use image created by this as data to create music. by cast light placement, height, diameter, wall placement.

Mirror?



"Your uncertain shadow"
 Eliasson

Due to different positions & angles of glass there are shadows created multiple coloured shadows.

Flight to Wellington - ATR 20/08

immersed in cloud → glowing
 white noise? → create with walls that are lit
 → similar to Eliasson weather project

When looking at the propellers cannot see them - move to back however, when looking through → visible

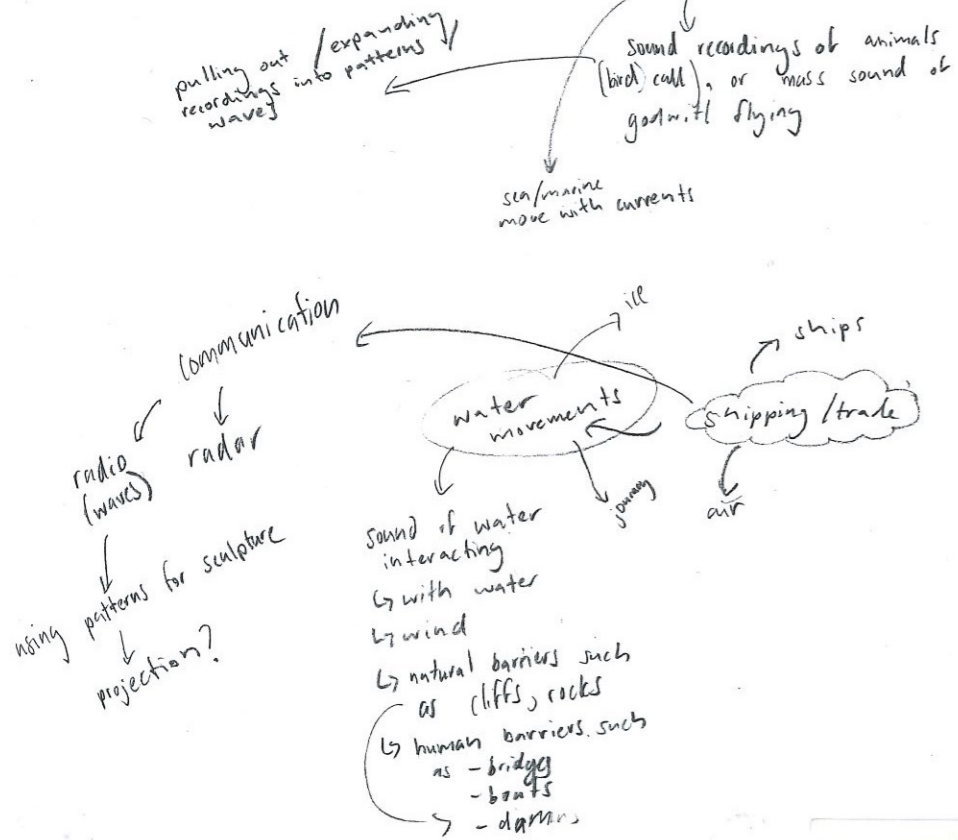
WHITE VOID: - WHITE OUT ROOM - walls + windows
 - WHITE NOISE / SOUND

BLACK VOID:
 - paint all walls, ceiling black and black out windows with polyethylene so no external light enters.
 - nothing in the room - empty space
 - music? - white noise - interactive - bubble wrap floor - walk on - cellophane
 - light → LED → colour?

SOUND

INITIAL IDEAS

- ↳ natural sounds
- ↳ man-made / manipulated sounds



SOUND

ARTIST MODELS:

- JANET CARDIFF
- RYOJI IKEDA

WATER

- drop / dripping
 - stream
 - ocean waves crash
 - smooching
 - waterfall
- record separately

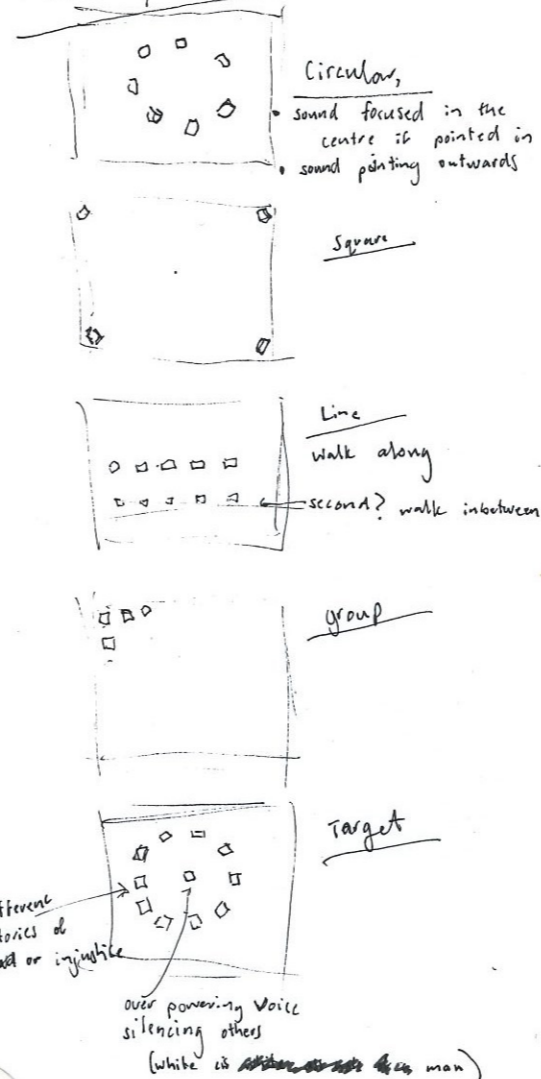
NATURE

- bird song → passports
- wind + trees
- ducks

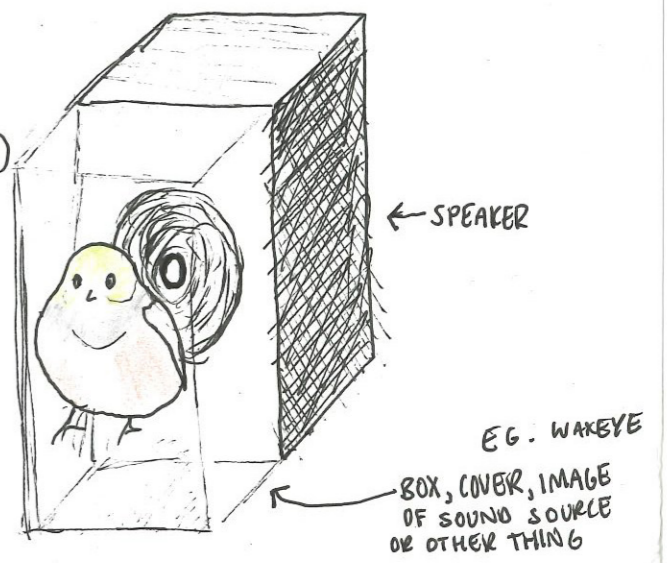
VOICE

- song
 - read story
- contrast

ARRANGEMENTS

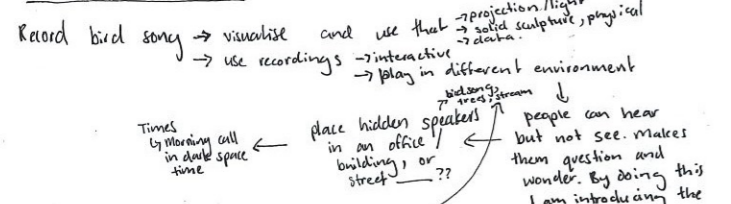


MULTIPLE (A SERIES) OF SPEAKERS ARRANGED IN

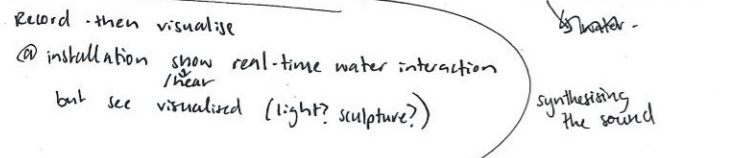


JANET CARDIFF (THE FORTY PART MOTETS) 2001

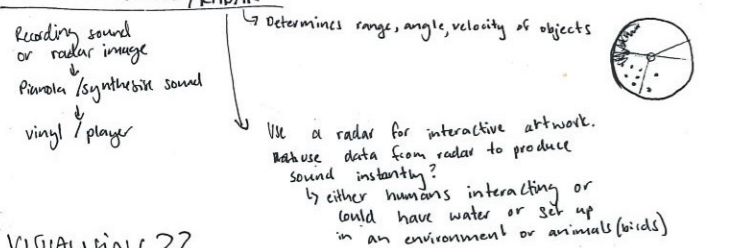
SOUND - BIRD SONG



SOUND - WATER INTERACTION



SOUND - RADIO / RADAR



VISUALISING??

- transpose into scores
- wavelength patterns
- ▷ light - patterns - natural light + filter - program light (led) or computer
- ▷ if bird song use bird somehow?
- ▷ Projection / light and water

JANET CARDIFF - ARTIST MODEL

SOUND SCULPTURE INTERACTIVE

40 speakers set up in innerward circle. Each speaker projected a single voice from the choir. Public can walk right up to the individual 'singer' as well as sit immersed in 360° sound.

colonisation / immigration / refugees / pilgrims
now the rich white voice overrules any other.
Different voices from each speaker

SILENCED / OVERHEARD
Should they all be equally loud? Spectrum of increasing volume of the smallest almost 'retained' comp. other not silencing to maintain mix

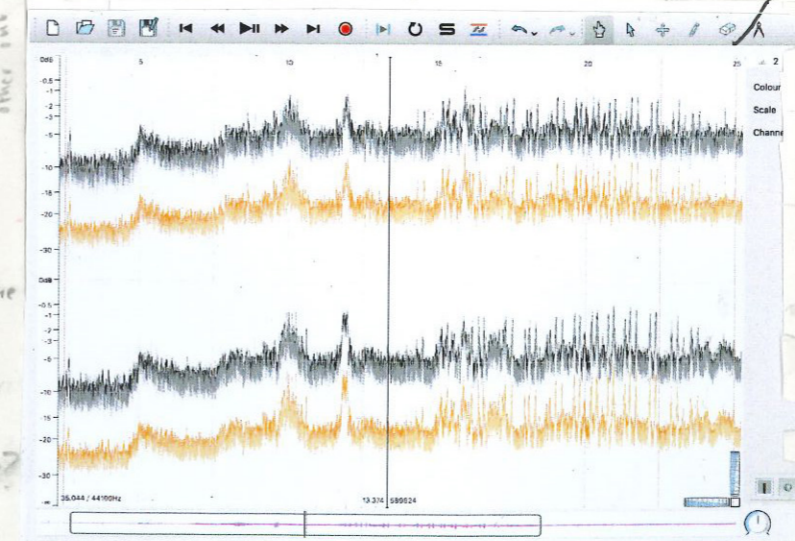
WATER - speakers project different recordings of water / water movement.

man-made / natural? how different recordings interact in the center if set up around a point.
BIRDS - different bird calls could also add water / forest recordings to create more atmosphere.
eg. water sound indoors - unnatural / concerning - leaf?

WAVES - sound

harmonics in pipes
open ended
in gas + sound visual of this, an pipe with a line of many small holes along the top was pumped with gas and lit. Sound at controlled frequencies was emitted through the end of the pipe. At harmonic frequencies antinodes and nodes were formed with the flames

visualisation of sound waves
SHOWN IN PHYSICS CLASS



SOUND SONIC VISUALISATION OF A RECORDING FROM THE DUCK POND. INCLUDES DUCKS QUACK, INTERACTION WITH WATER.

- RECORDINGS
- 1 WIND
 - 2 PEOPLE
 - 3 [DUCK POND] - 4 different vantage points / accessible points to water / pond
 - 4 WIND
 - 5 DUCKS - interaction water + quack
 - 6 DUCKS
 - 7 [LEITH] - Along Leith many different vantage points with variant sound / interaction
 - 8 PEOPLE
 - 9 WIND
 - 10 DUCKS
 - 11
- SHOTS
- individual group
 - whole pond
 - stationary
 - moving
 - upstream
 - downstream
 - across
 - birds eye (various)
- SMALLER SOURCES (drains into the loch. strong / weak currents over rocks join of 2 target sources ducks)

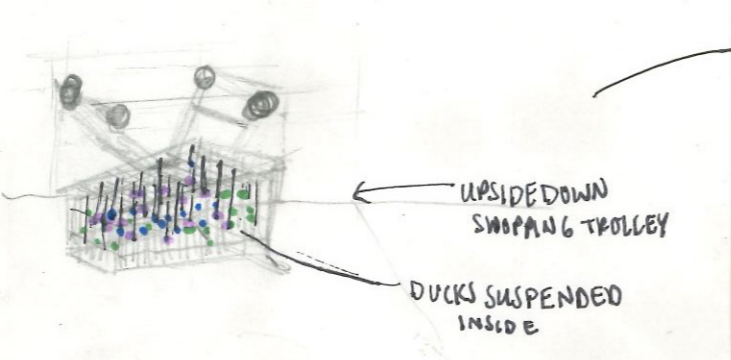
CONCEPTUAL REALISATION

FRIENDLY FLOATIES PERFORMANCE & EXTENSION

- 1 SPRAY PAINT ON BREAD stencil negative left from laser cut acrylic ducks and spray paint into bread. yellow
 - 2 SPRAY PAINT COAST LINE stencil → spray remaining 2000 ducks along coast line/beach
 - 3 EXHAUST A CAN spray stencil in line onto something eg. side walk until can emptied. The stencil print will become weaker as can runs out.
 - 4 Print onto t-shirts → OK → white suits ^(w/ bars) used previously → use people for performance
- COULD BE ~~DIS~~PRESENTED IN ROOM.
- SUSPEND IN THE ROOM FROM THE ~~TOP~~ WALLS.

ACRYLIC DUCKS

↳ coloured + transparent acrylic cut on laser cutter
↳ MASS / volume (convention of artist models) # ???
↳ GORMLEY
↳ A. WEIWEI



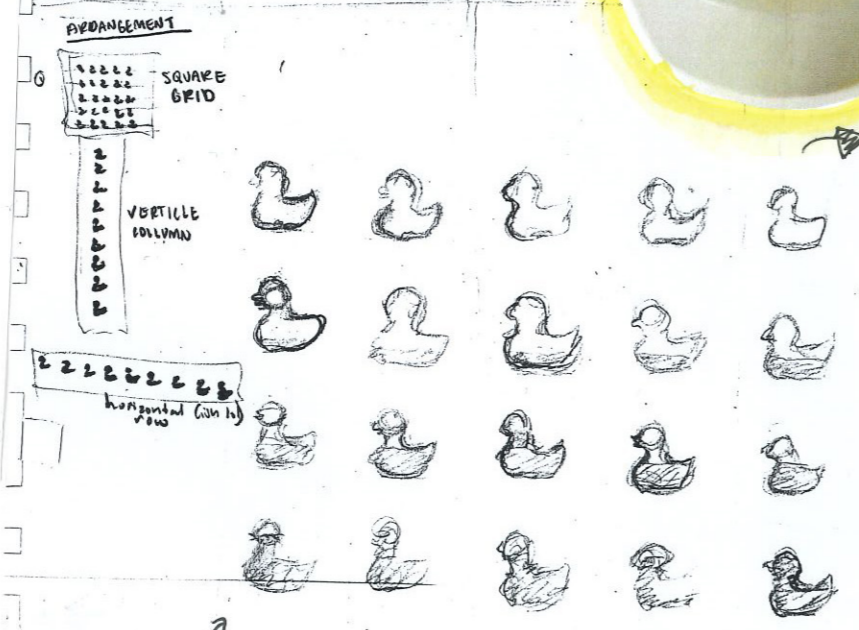
• Bread + Ducks
• Duck pond @ Dunedin Botanical Gardens. links with my childhood (growing up visiting as since young).



create negative of rubber duck
↳ make bread inside mold
↳ feed to ducks
↳ cannibalism?



White out windows except holes + ducks (plastic vacuum) lit by natural or influenced light
↳ cellophane print?



stuck on to wall?
clear plastic ducks moulded from casts with vacuum former
ducks progressively become more filled with bread crumbs from empty to

GEN BYE
VISITED WORKS @ TOI ART
- A COLOUR BOX 1935 3:00
- KALEIDOSCOPE 1935 3:33
- COLOUR WAY 1953 3:57



PROJECTION STOP MOTION COLOUR GEOMETRICAL PATTERN

SITE SPECIFIC WORK / INSTALLATION 1996 MENIL COLLECTION
• LIGHT
• PATTERN
• COLOUR
• ORGANISATION
• SPLIT

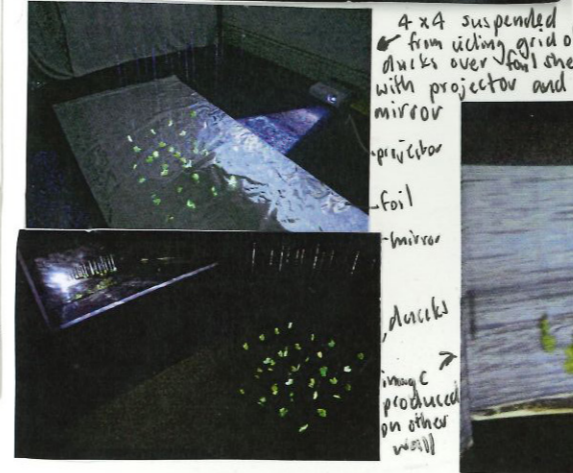


ACRYLIC DUCK CUT ON LASER CUTTER AT SCHOOL. LEANT TO USE + EMPLOYED IN HARGREAVES CLASS.

BILL COUBERT 'VENICE' 2013
SAW in 2013 at Te Papa + one similar to



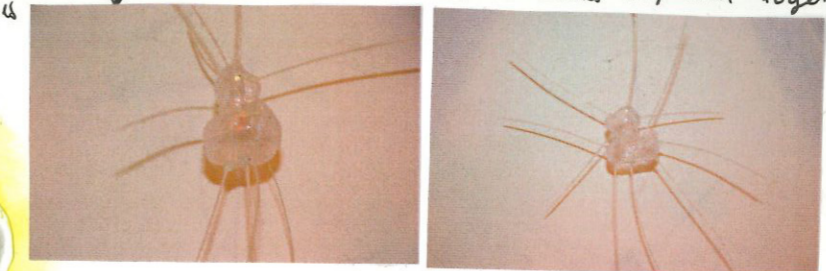
BILL COUBERT 'RE POP' 2013
• SPLIT
• COLOUR
• ORGANISATION



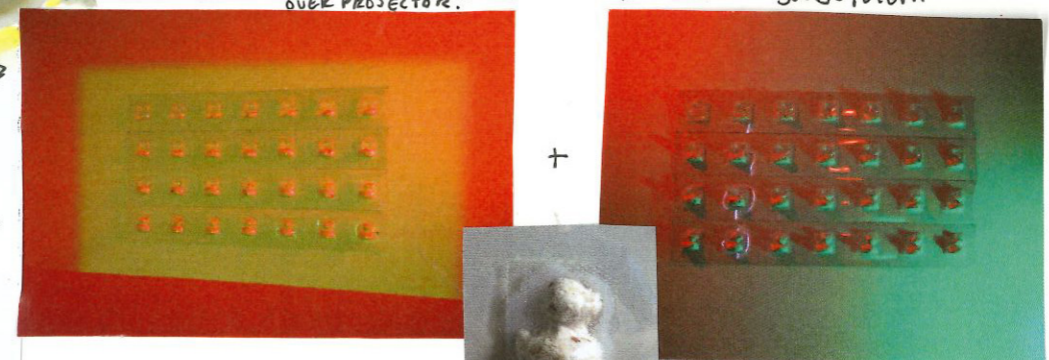
4 x 4 suspended from ceiling grid of ducks over floor sheet with projector and mirror
- projector
- foil
- mirror
- ducks
image produced on other wall



constructed with 2 halves of vacuum formed ducks zip tied together

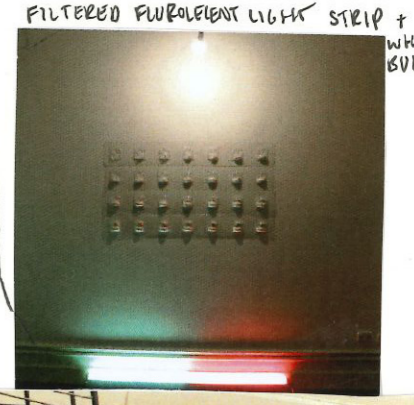


EXPERIMENT / EXPLORATIONS WITH BREAD DUCKS:



ROOM LIT WITH (BY RED LIGHT + GREEN CELLOPHANE OVER PROJECTOR)
RED + GREEN BULBS / LIGHT

placed over trolley but could explore other placements

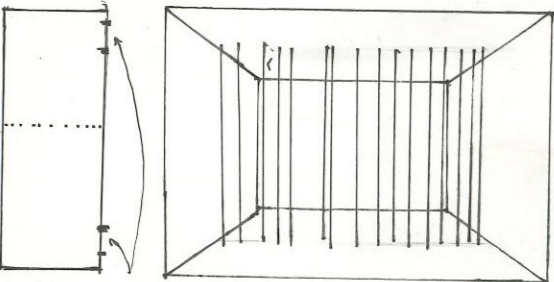
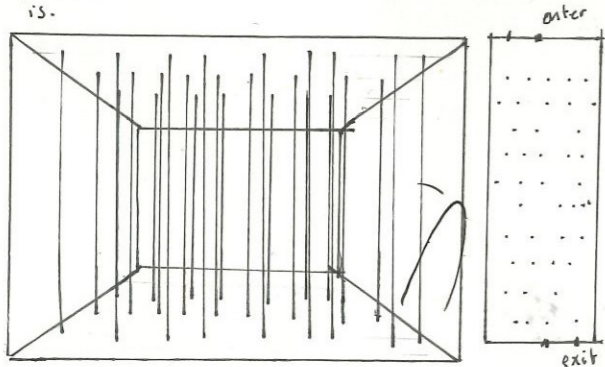


FILTERED FLUORESCENT LIGHT STRIP + W/ BULB

FUTURE PROPOSALS

SOUND INTERACTION

connect taught cello/other instrument strings from floor to ceiling and have follow viewers to walk through/around. Their interaction creating the sound and movement of strings. How to create the room/space so sound resonates?? Light -> bright/dim so person can see what is around or dark so unaware when next string is.



EXTENSION -> PROJECTION + LIGHT CAST THROUGH SHADOWS OF LINES FROM THE STRINGS.

REFLECTIVE FILM/FOIL WHEN ILLUMINATED CREATES WATER LIKE REFLECTION ONTO WALLS. THIS + DUCKS @ POND (WATER SOURCE) INFLUENCE IDEA TO CREATE WATER ROOM?

- FOIL ON FLOORS - INTERACTIVE
- PROJECTION ON TO FOIL - REFLECTION - INTERACTIVE SHADOW
- SPEAKERS W/ RECORDINGS COLLECTED FROM WATER + DUCK SOURCES -> PLAY AROUND WITH THE SOUNDS -> EXTENDING, ANNOTATION, ASK BROTHER + GP FOR HELP/ MODELS OF CONTEMPORARY ARTISTS/MUSICIANS (COMPOSERS) WHO USE COLLECTED SOURCE SOUND + ELECTRONICS.
- JANETT LARDIFF ARTIST

- (COULD INCLUDE WATER? MIST?)
- -ELLASION - LANSBOW ASSEMBLY



ETROLLEY + FOIL FILLED WITH WATER EXPERIMENT TENSION OF WATER HOLD FOIL IN PLACE.

(HPS) BURDEN (GMO) SHIP 2005

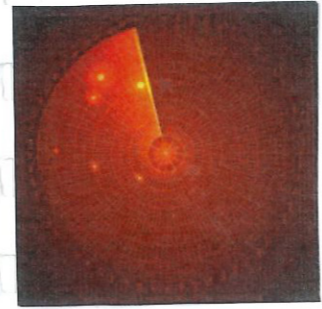


BIRD EYE VIEW VIDEO OF DUCK POND AND CREATE 'RADAR' IMAGE OFF OF THAT

RADAR IMAGING FROM CENTRE OF A SUPERMARKET AND RECORD PATHS THAT SHOPPERS TAKE

RADAR ROOM

RADAR IS A DETECTION SYSTEM THAT USES RADIO WAVES TO DETERMINE RANGE, ANGLE, VELOCITY + PRESENCE OF OBJECTS. COMMONLY USED TO DETECT:



- AIRCRAFT
- SHIPS
- SPACECRAFT
- MISSILES
- MOTOR VEHICLES
- WEATHER FORMATIONS
- TERRAIN
- ASTRONOMY
- SELF DRIVING CARS + 'AUTO PILOT'
- OCEAN SURVEILLANCE

MODERN RADAR WAS DEVELOPED FOR MILITARY USE IN PERIOD BEFORE/DURING WWII.

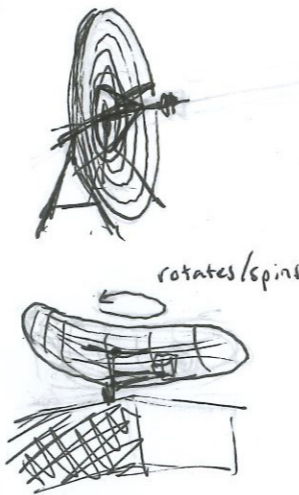
Radio Detection And Ranging

TERM COINED IN 1940s BY US NAVY

YATEBURY TRAINING CAMP 1944/55

MY GRANDFATHER WAS A RADAR OPERATOR IN WWII IN NAVY FOR NZ

HOW IT WORKS?



MIGRATION OF LARGE FLOCKS OF BIRDS CAN APPEAR ON WEATHER/RAIN RADAR MAPPING LEADING TO STRANGE 'CLOUDS' ON MAPPING AND FALSE INFORMATION.

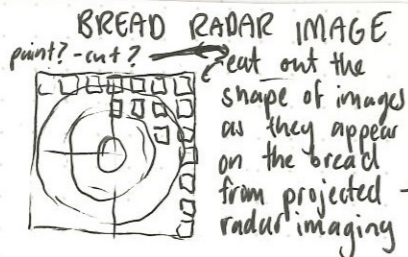
PULSED OR CONTINUOUS RADIO WAVES ARE EMITTED FROM THE TRANSMITTER REFLECT OFF OBJECTS AND RETURN TO RECEIVER GIVING INFORMATION ON OBJECT LOCATION AND SPEED (IF ANY)

DOPPLER EFFECT: (LEVEL 3 PHYSICS)

IF THE OBJECT IS MOVING TOWARDS OR AWAY FROM THE RADAR TRANSMITTER THEN IT STRETCHES OR COMPRESSES THE WAVELENGTH OF THE EMITTED WAVE DUE TO THE DISPLACEMENT OF THE WAVE OBJECT. THIS INCREASED/DECREASED WAVELENGTH CAUSES A CHANGE IN FREQUENCY INVERSELY PROPORTIONAL TO λ . $\uparrow \lambda = \downarrow f$ and $\downarrow \lambda = \uparrow f$. THIS HELPS DETERMINE VELOCITY OF OBJECT.

FILM + PROJECTION

OLD FILM - SLIDE BY SLIDE - HAND COLOUR



FILM CAMERA - TAKE CONSECUTIVE SHOTS OF DUCKS - DEVELOP THE SHOTS - PROJECT THE SINGLE PHOTOS/STILLS



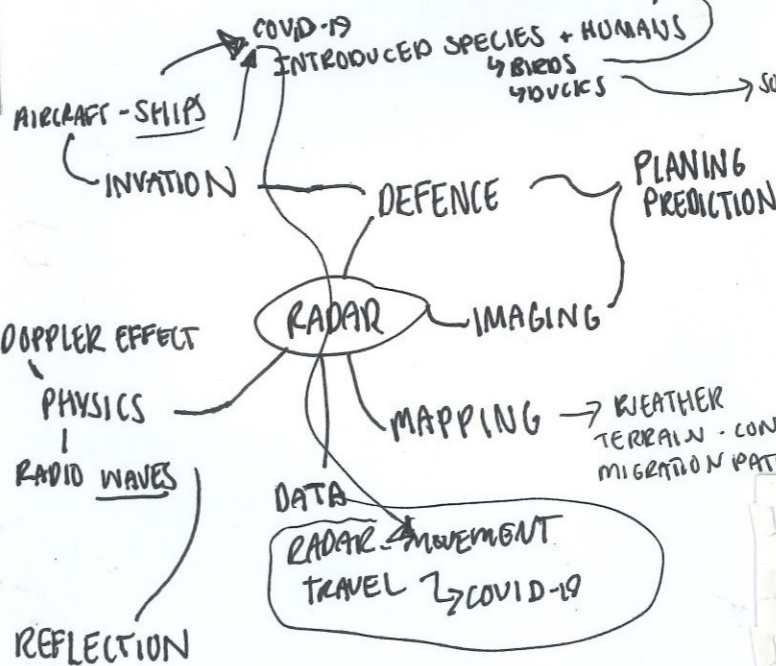
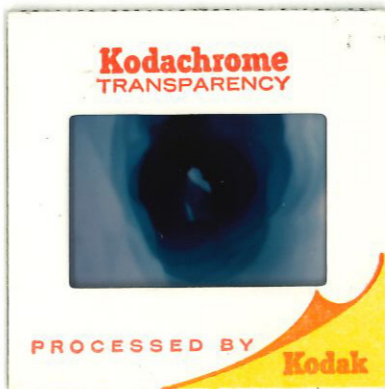
- IN A LINE
- ORDER
- CORRECT
- DISORDER - DIFFERENT ORGANISATION
- TIMING
- CONSTANT PROJECTION
- TIMED ON/OFF SELECTIVE
- SOUND TIMED?

NEED TO EXPLORE: - RECONSTRUCTION (AI WEIWEI) OF MULTIPLE SHOTS

- LIGHT STRENGTH
- LIGHT SOURCE VS SURROUNDING ENVIRONMENT CONTRAST
- VIEWER INTERACTION
- CHOICE

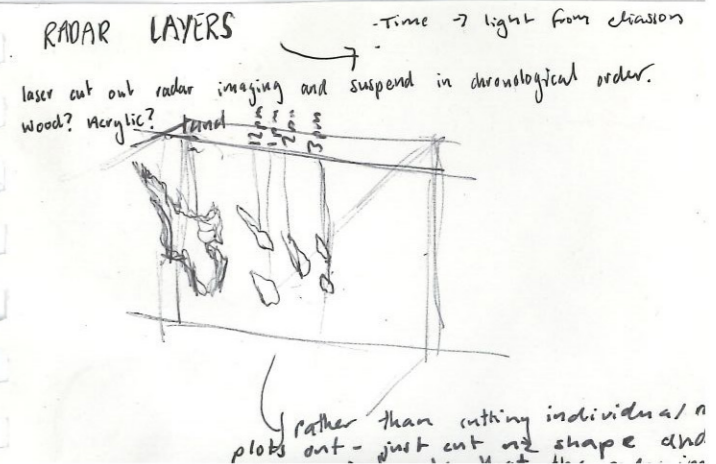
- I CUT COLOUR/COLLAGES SHOTS TOGETHER AND PROJECT
- KEEP IN FRAME
- DISCONNECT
- ARRANGE ONLY IN AN ORDER
- LEAVE NEGATIVE SPACE/VOID (GORMLEY)

ICE CREWAGE -> SLIDE IMAGE



USE WAVES DATA FROM RADAR TO CREATE VISUAL OR SOUND SCULPTURE?

RADAR LAYERS



RADAR SCENE ROOM

-> CREATE ROOM INTO INSIDE OF RADAR NAVY SHIP OR ROOM BUT RATHER THAN PEOPLE ON MACHINES USE ENDEMIC/NATIVE NZ SPECIES OF BIRDS THAT ARE TAXIDERMED (DRESSED IN MINI WWII COSTUMES?) SOME SITTING SOME SUSPENDED FLYING? HAVE PLATES/BIRDS 'EATING/DRINKING' BREAD + SUGAR WATER