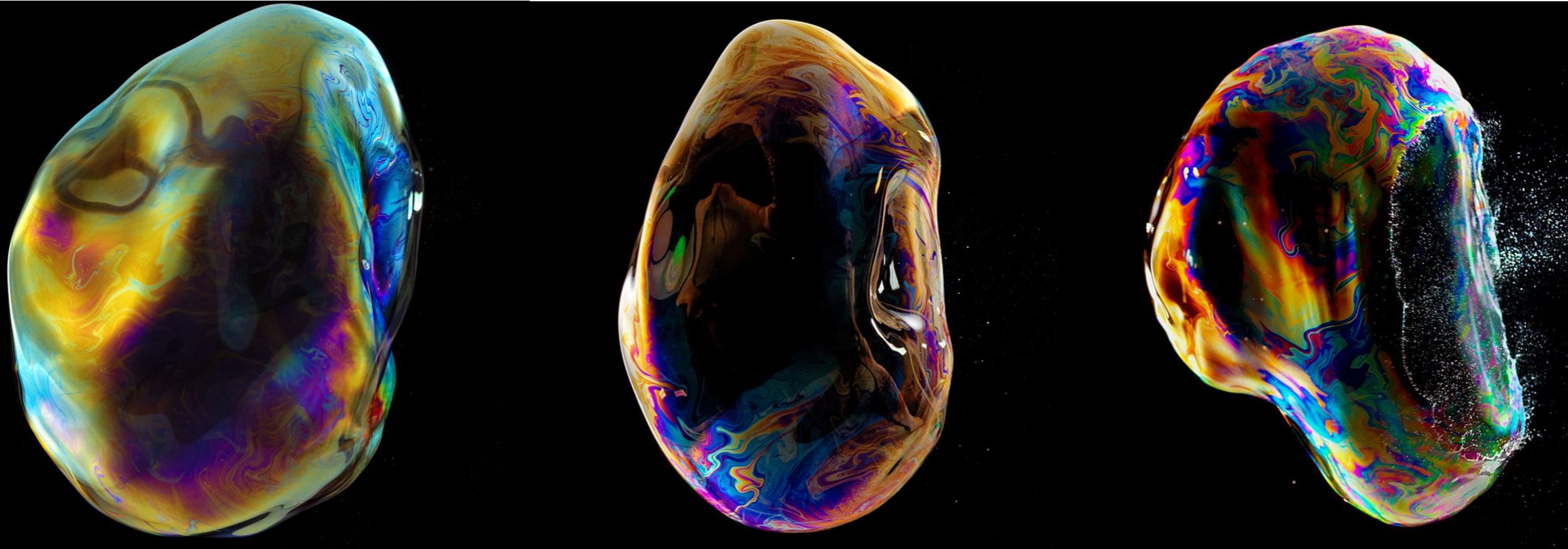


Final Project Ideas

Sara Nejad

Interactive Bubble

Interact with bubble using your arm gestures

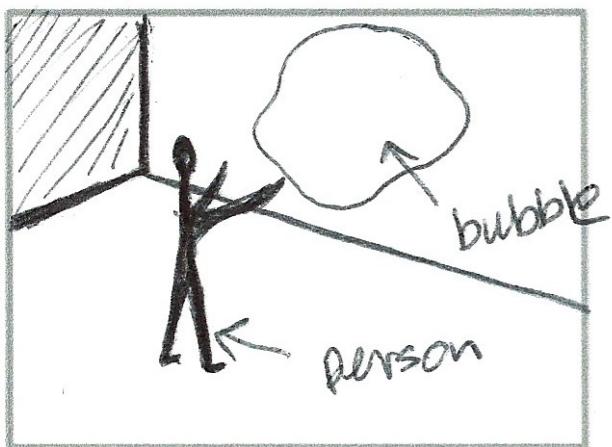


<https://www.youtube.com/watch?v=ECZbW2jcPcw>

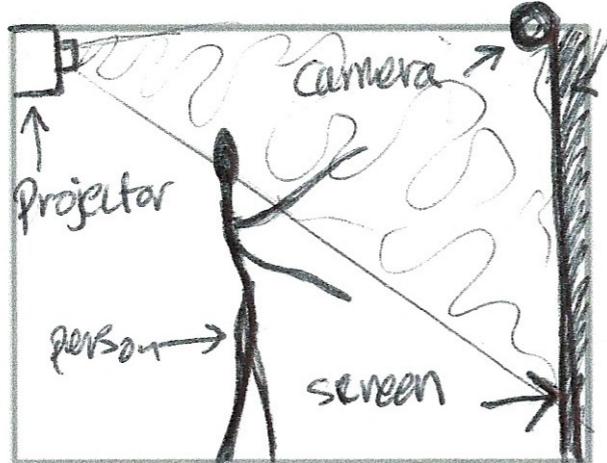
<https://www.youtube.com/watch?v=SEoyw8Slclc>

TITLE/SCENE: Interactive bubble

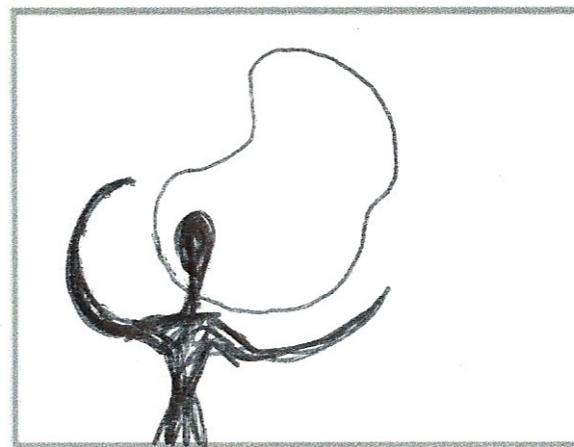
PAGE:



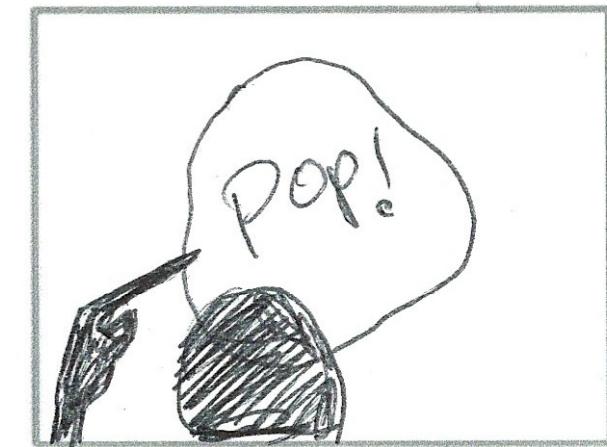
Projection of bubble
on wall
bubble moves with
arm gestures



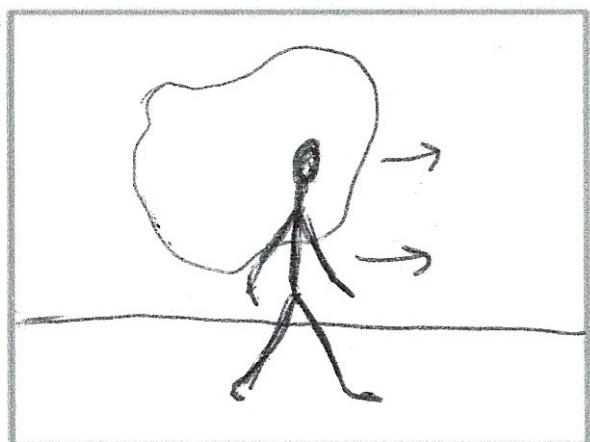
- Projector
- Screen
- Motion capture camera



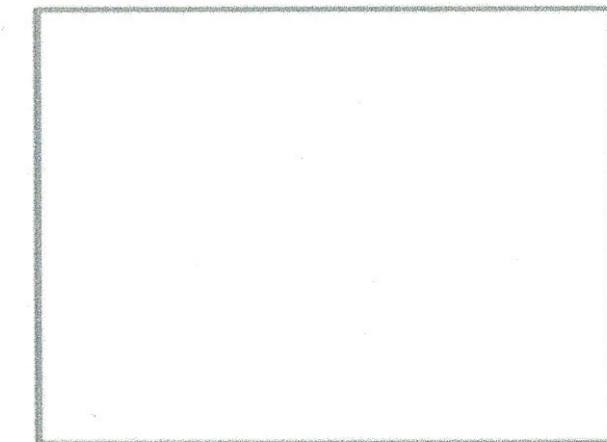
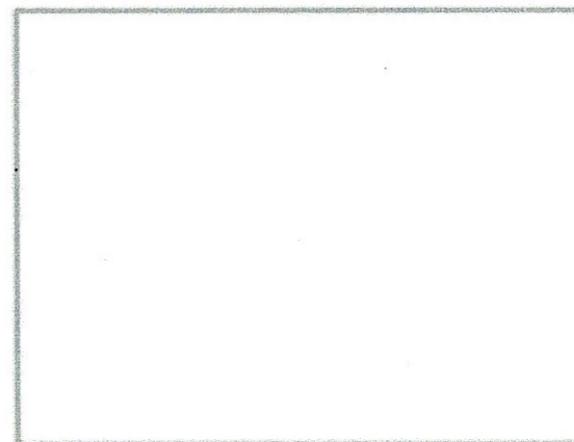
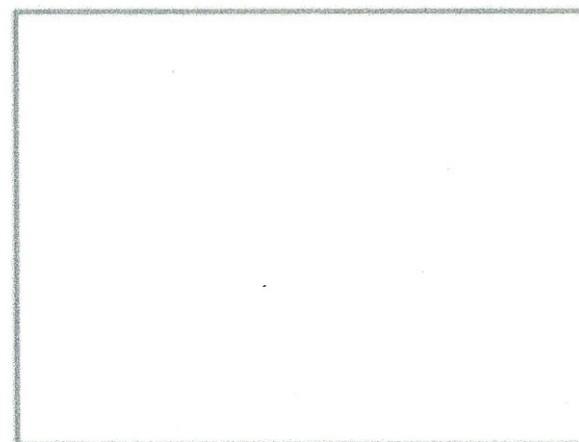
- Shape of bubble changes



- bubble pops when poked or automatically after 20 seconds



bubble follows
people



Collaborative Painting

Create an abstract painting with others using body and arm gesture

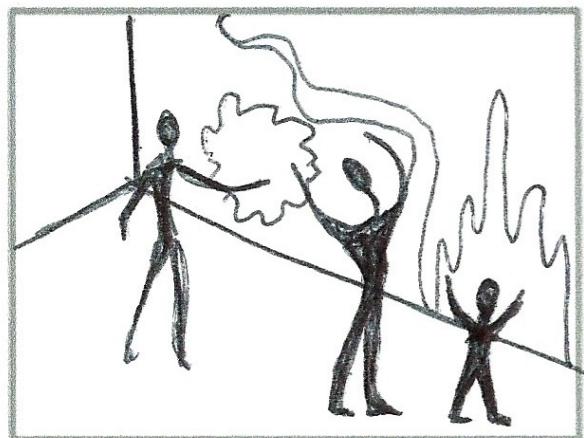


<https://www.youtube.com/watch?v=9n4msDuqEYs>

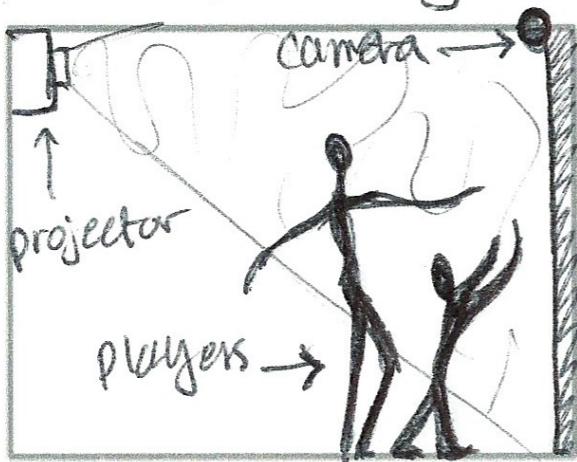
<https://www.youtube.com/watch?v=tFqpogR-ki8>

TITLE/SCENE: Collaborative painting

PAGE:



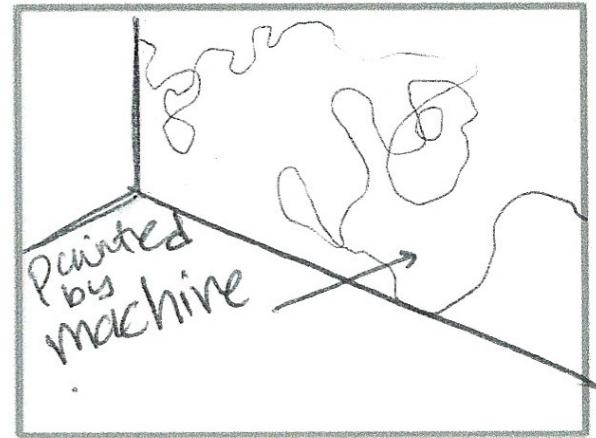
multiple people
can paint together
using their bodies



- projector
- screen
- motion capture
camera



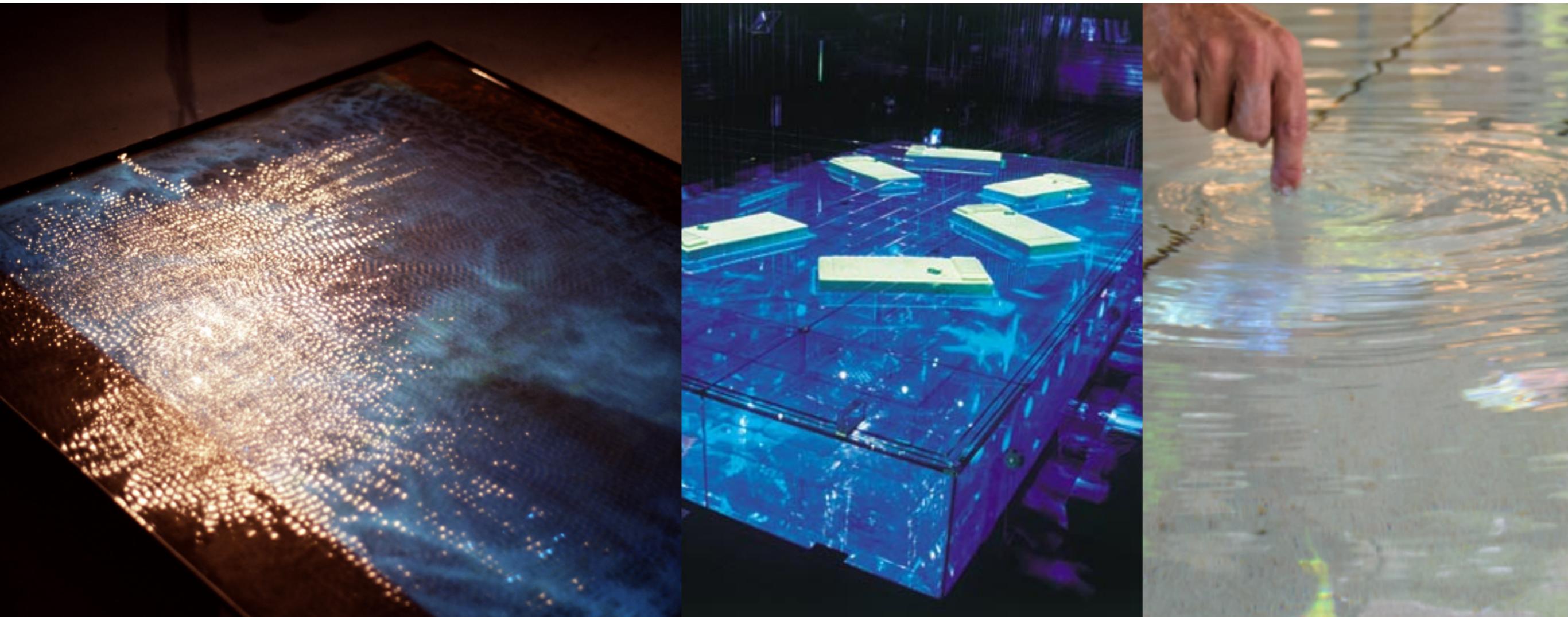
- different brush
strokes



- automated painting
- collaboration of
people + machine

Wishing well/ Echo

Speak into the well to make a wish, touch the surface and see the magic



<https://www.youtube.com/watch?v=PEQ8pF089aU>

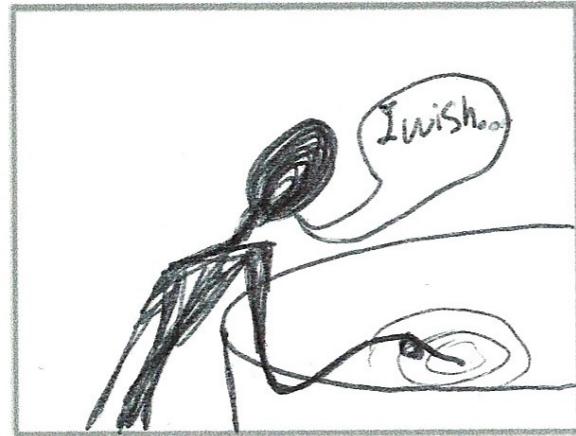
https://www.youtube.com/watch?v=HON6N_96GtQ

TITLE/SCENE: Wishing well / echo

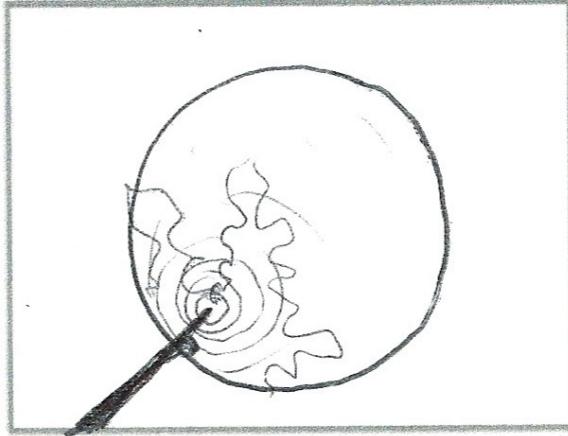
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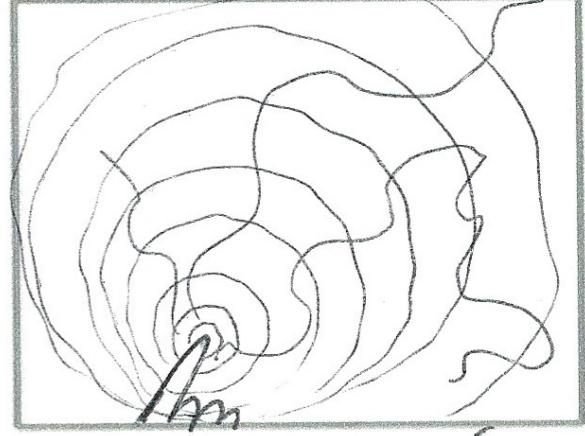
Interact with the well with your voice and your touch.



input: audio
and touch



output: ripple effect and color explosion
audio: wind chime sound effect



close up of visual output

3D projection on fog or mist

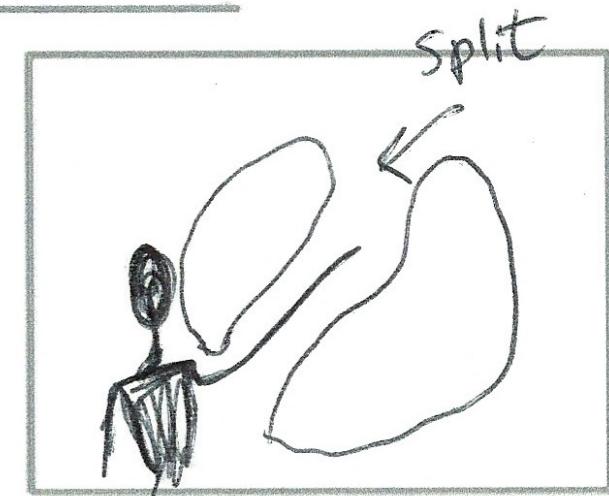
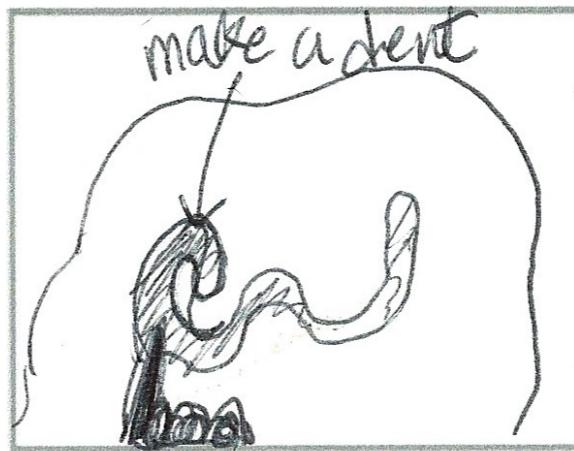
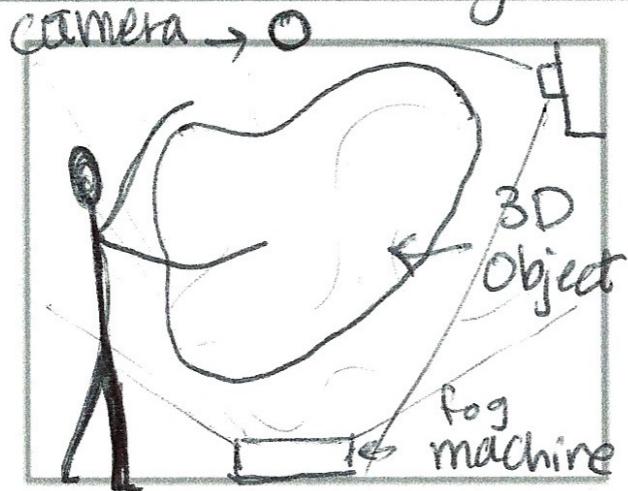
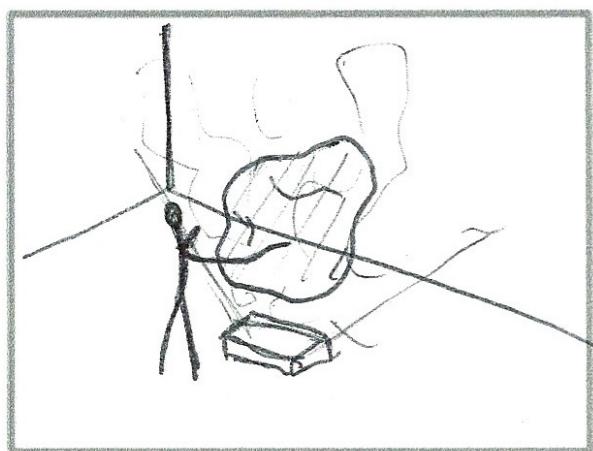
Interact with a 3D projection with hand gesture



<https://www.youtube.com/watch?v=-FvBQcirsUk>

<https://www.youtube.com/watch?v=-IswAnT9CLI>

TITLE/SCENE: 3D projection on fog or mist PAGE:



Interact with a
3D projection on
fog or mist using
hand gesture and
arm gesture

- fog machine
- projector
- camera

- Make holes
in the object

- Split the
object