Sketching as entertainment of design

Yoichi Nagashima

SUAC

nagasm@suac.ac.jp
Sketching as entertainment of design

CGM
Consumer Generated Media

CGP
Consumer Generated Product
Today’s topics

1. Sketching in my Research
2. Arrange / Remodel in design education
3. Entertainment Computing
4. Sketching = Entertainment
Sketching in my Research

1. Research - Beat perception ★
2. Research - Motion sickness ★
3. Research - EMG sensor (・・・) ★
4. Research - Car sickness (・・・) ★
Sketching as entertainment of design

Arrange/Remodel in design education

example: New Musical Instruments
- Nintendo PowerGlove
- Traditional Instruments
- Hand Roll Plano
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Past Examples
Sketching as entertainment of design

Arrange/Remodel in design education

e.g.: my students

- Arrange/Remodel USB Keyboard
- Installation Work ★
- Small Dolls with Magnet and Light ★
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange/Remodel in design education

example: Jaminator

- Arrange/Remodel Jaminator ★
- Composition of Performance Work ★
- Live Performance / YouTube ★
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Arrange / Remodel in design education
Sketching as entertainment of design

Arrange / Remodel in design education
Entertainment Computing

- Game / Amusement (←traditional)
- Medical / Welfare / Rehabilitation
- Art / Craft
- Mental Health
Sketching as entertainment of design

“Art” vs “Science” - Music Case
Sketching as entertainment of design

“Music” vs “Technology”

Composer → Score → Player → Music/Sound → Listener
“Music” vs “Technology”
Sketching as entertainment of design

“Music” vs “Technology”
Sketching as entertainment of design

“Music” vs “Technology”
Sketching as entertainment of design

“Music” vs “Technology”
“Music” vs “Technology”
Entertainment Design

- Design for Entertainment
- Entertainment in Design Process
- Motivation in Education
- Students are encouraged by Works
That's all, thank you.