

# Sketching as entertainment of design

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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 (···) ★



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# Arrange/Remodel in design education

example : New Musical Instruments

- Nintendo PowerGlove
- Traditional Instruments
- Hand Roll Plano



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# Past Examples





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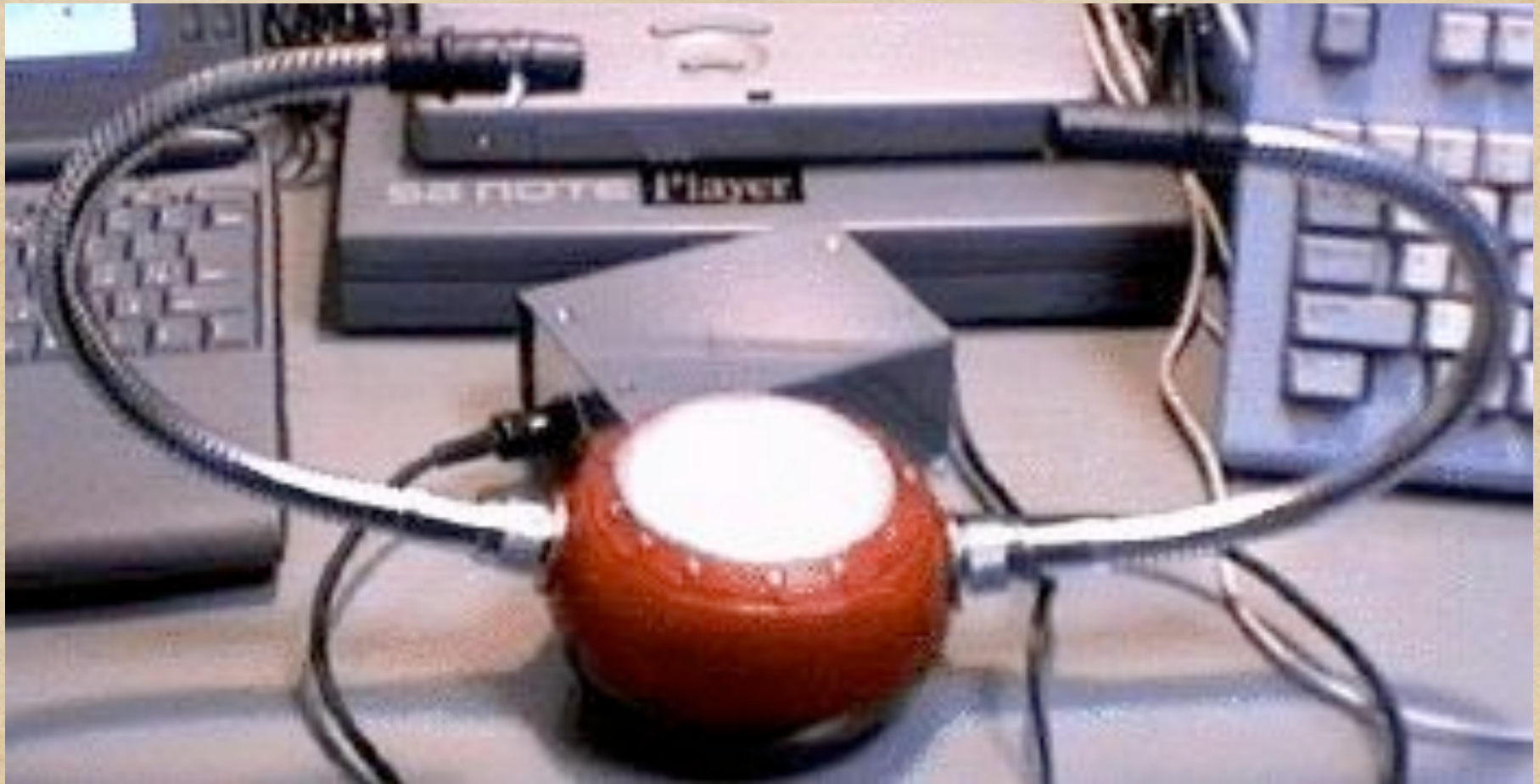
# Past Examples





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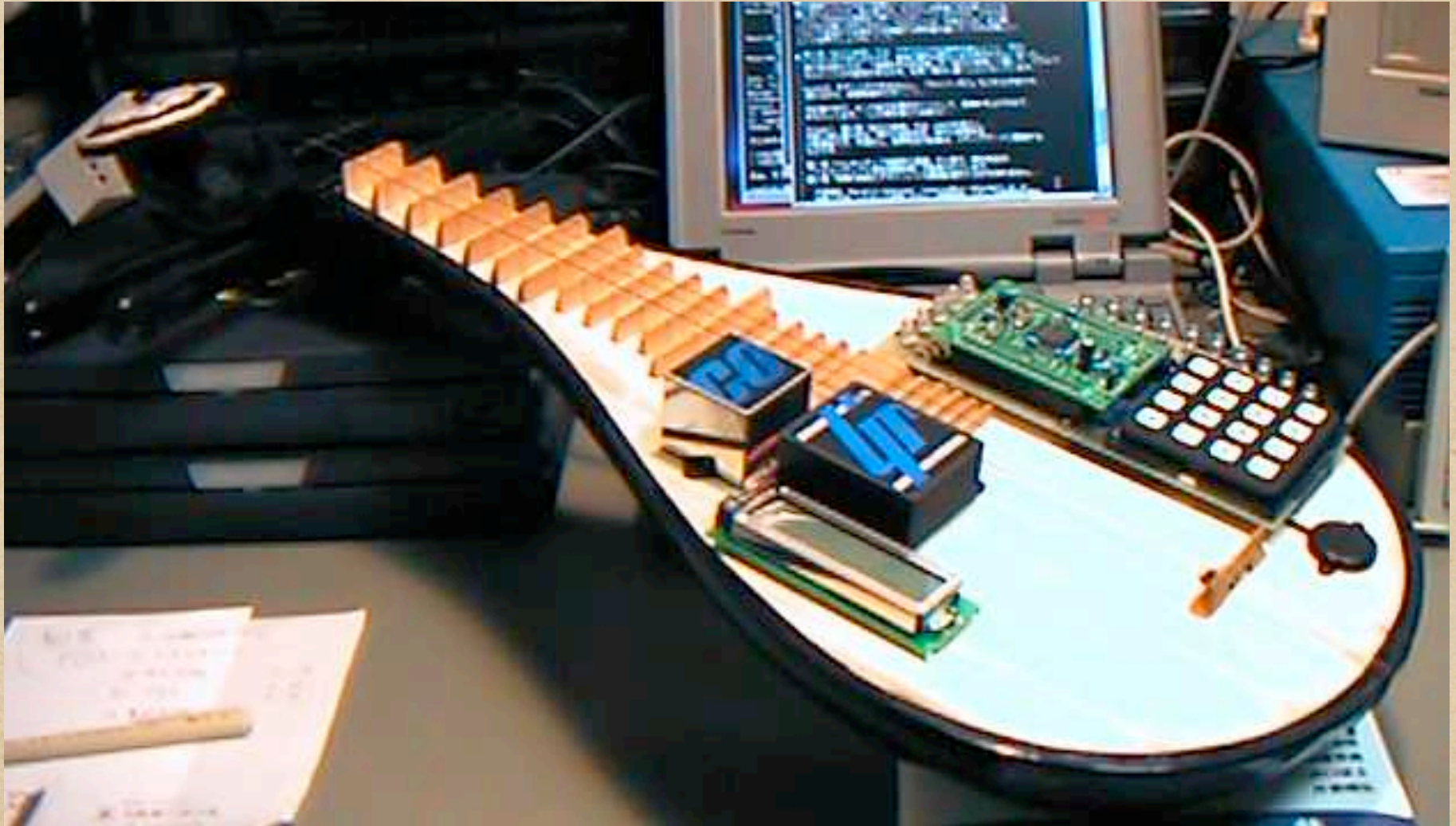
# Past Examples





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# Past Examples





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# Arrange/Remodel in design education

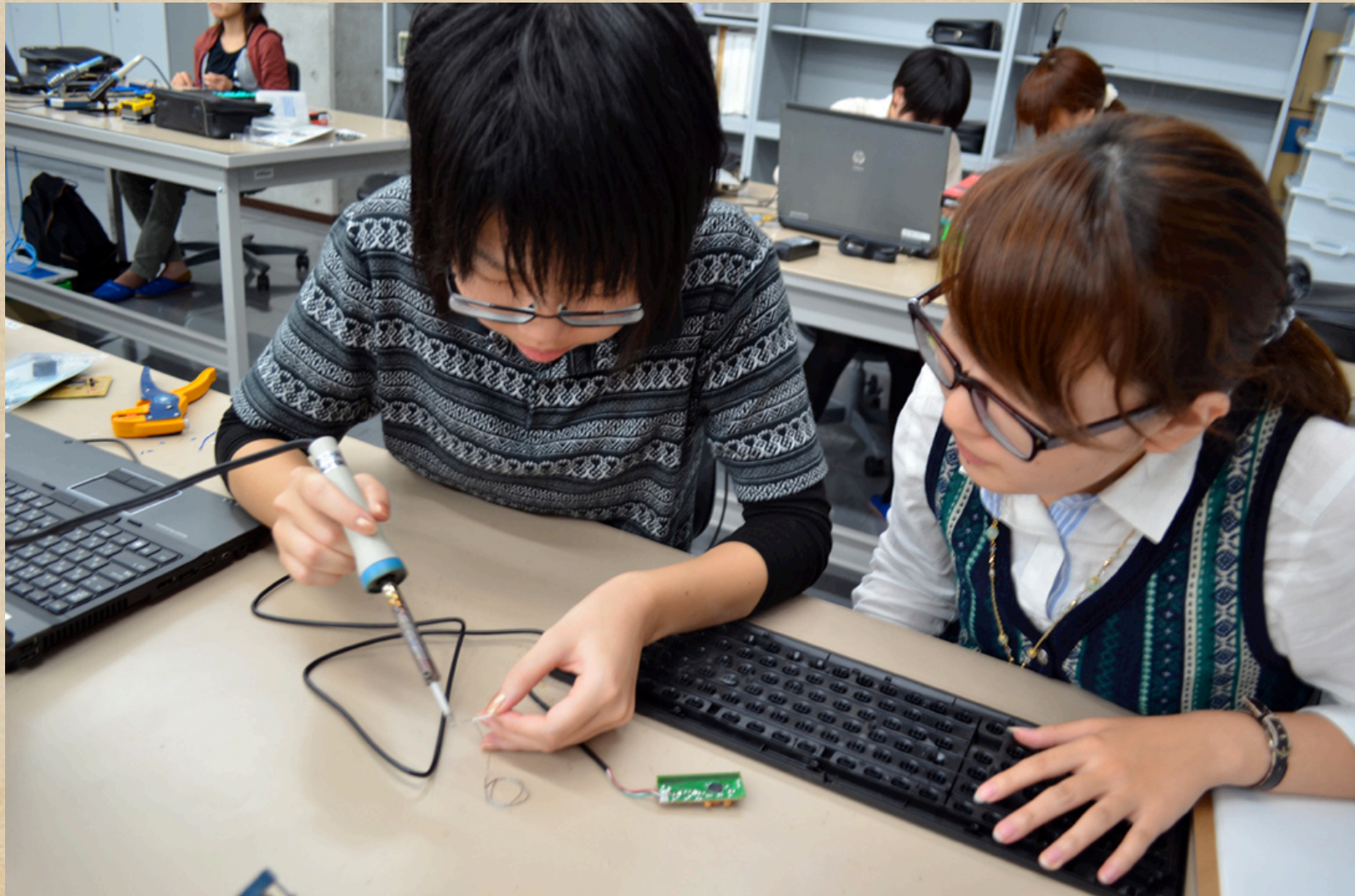
example : my students

- Arrange/Remodel USB Keyboard
- Installation Work ★
- Small Dolls with Magnet and Light ★



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# Arrange / Remodel in design education





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# Arrange / Remodel in design education





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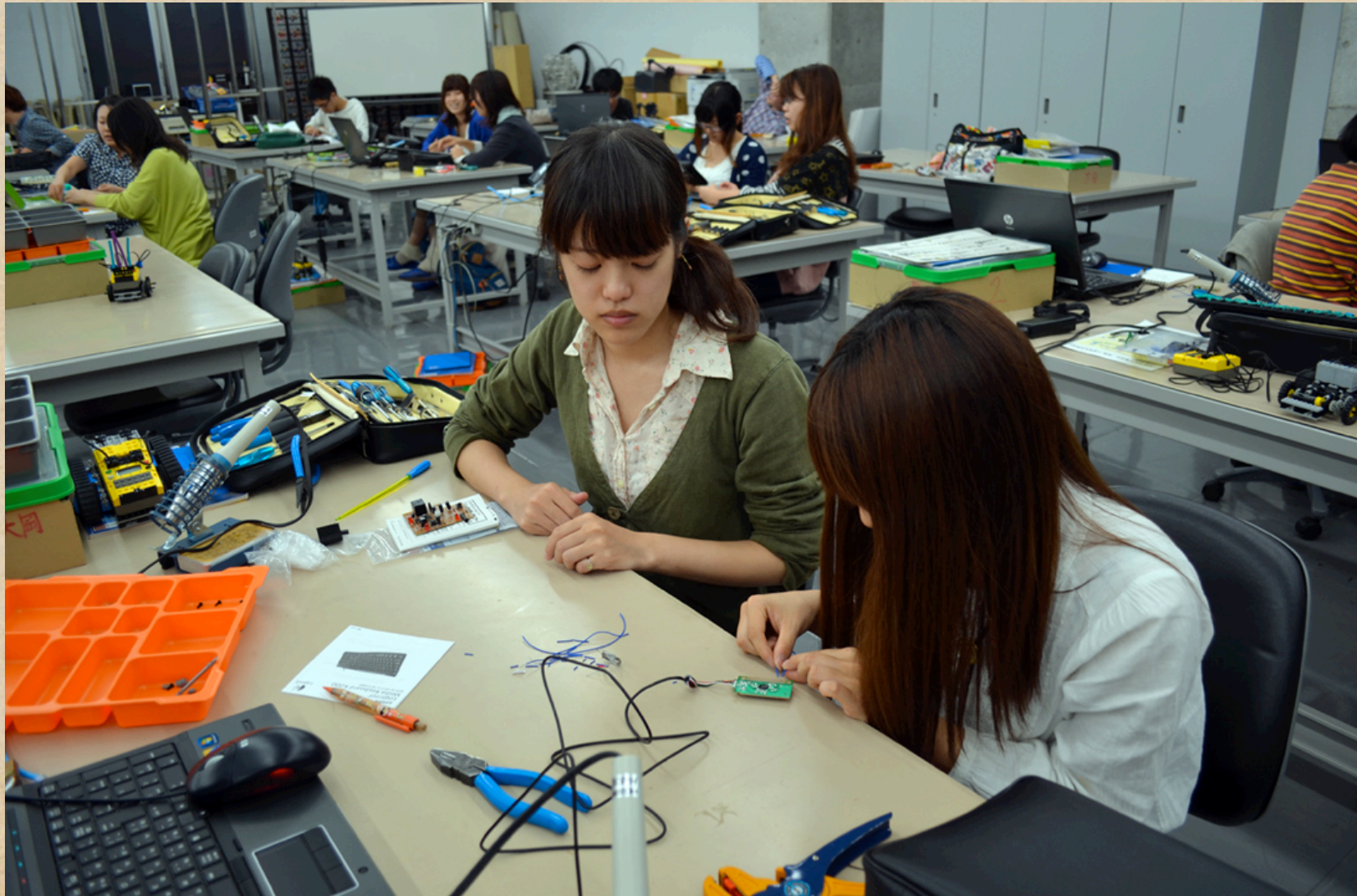
# Arrange / Remodel in design education





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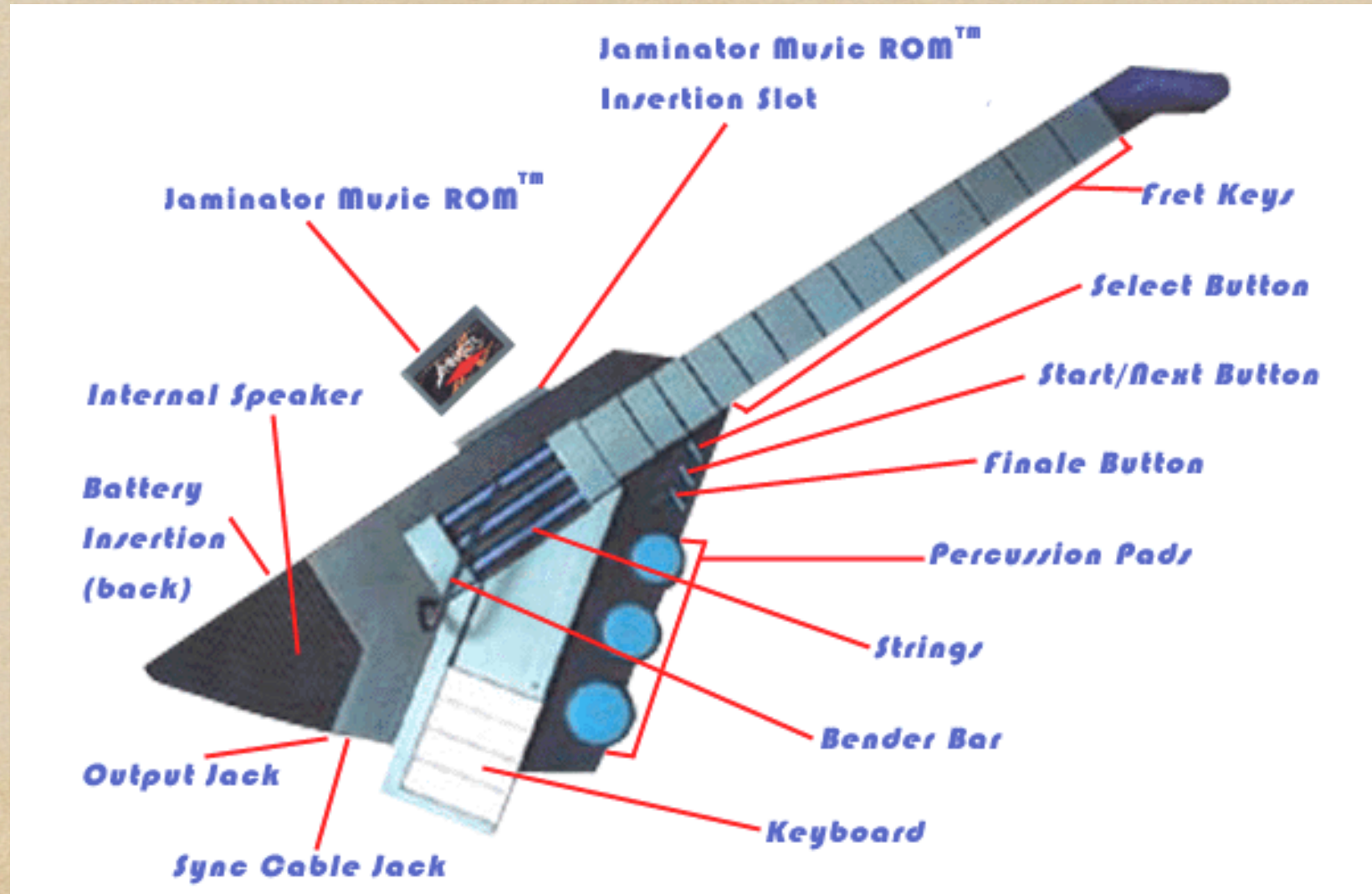
example : Jaminator

- Arrange/Remodel Jaminator ★
- Composition of Performance Work ★
- Live Performance / YouTube ★



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# Arrange / Remodel in design education





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## Arrange / Remodel in design education





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# Arrange / Remodel in design education





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## Arrange / Remodel in design education





改造による新楽器の創造

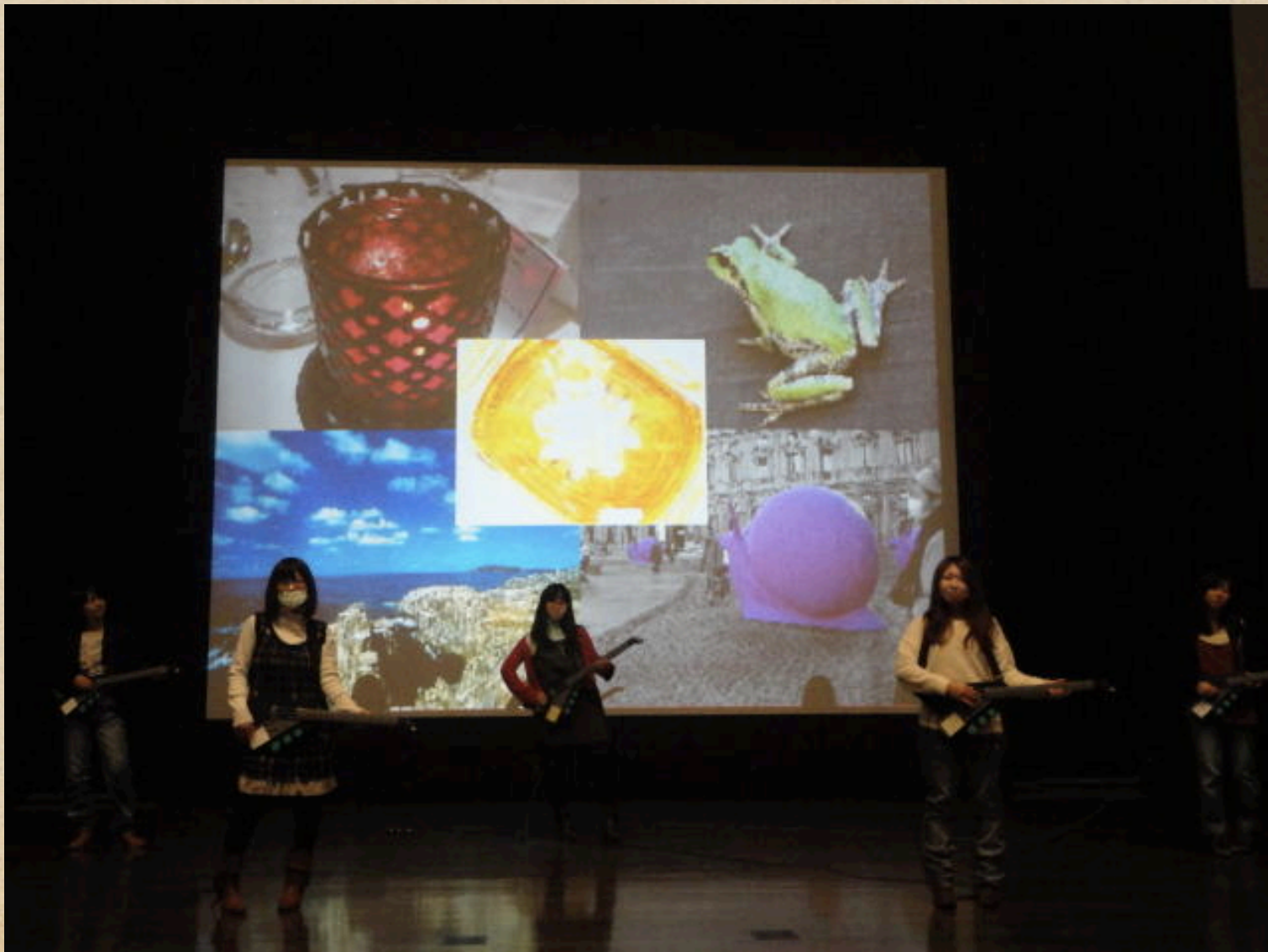
# Arrange / Remodel in design education





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# Arrange / Remodel in design education





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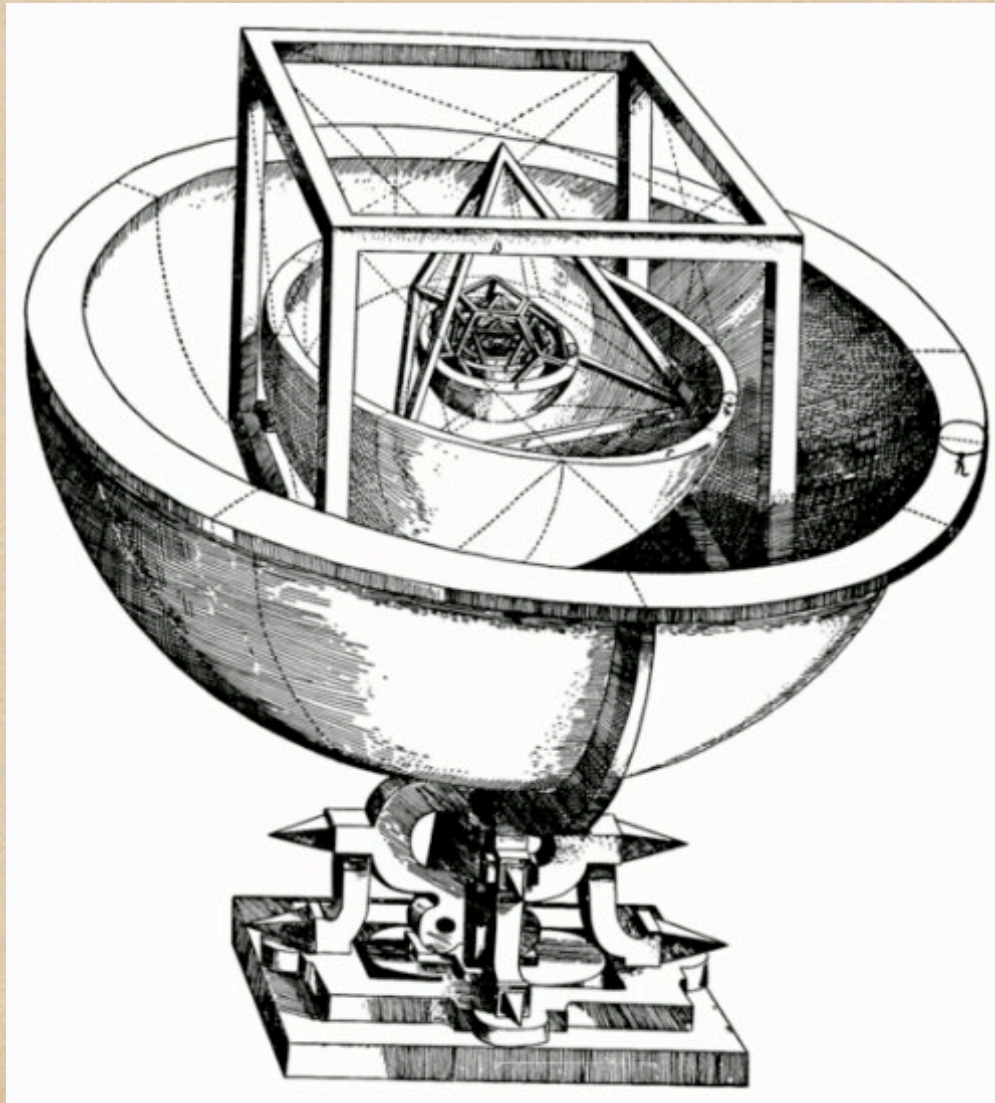
# Entertainment Computing

- Game / Amusement (←traditional)
- Medical / Welfare / Rehabilitation
- Art / Craft
- Mental Health



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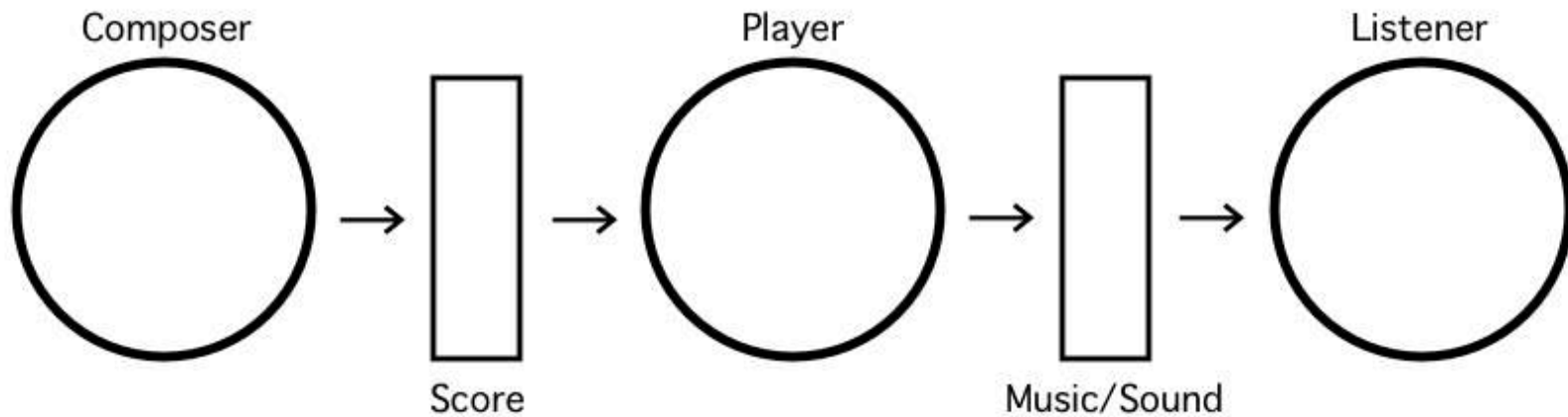
## “Art” vs “Science” - Music Case





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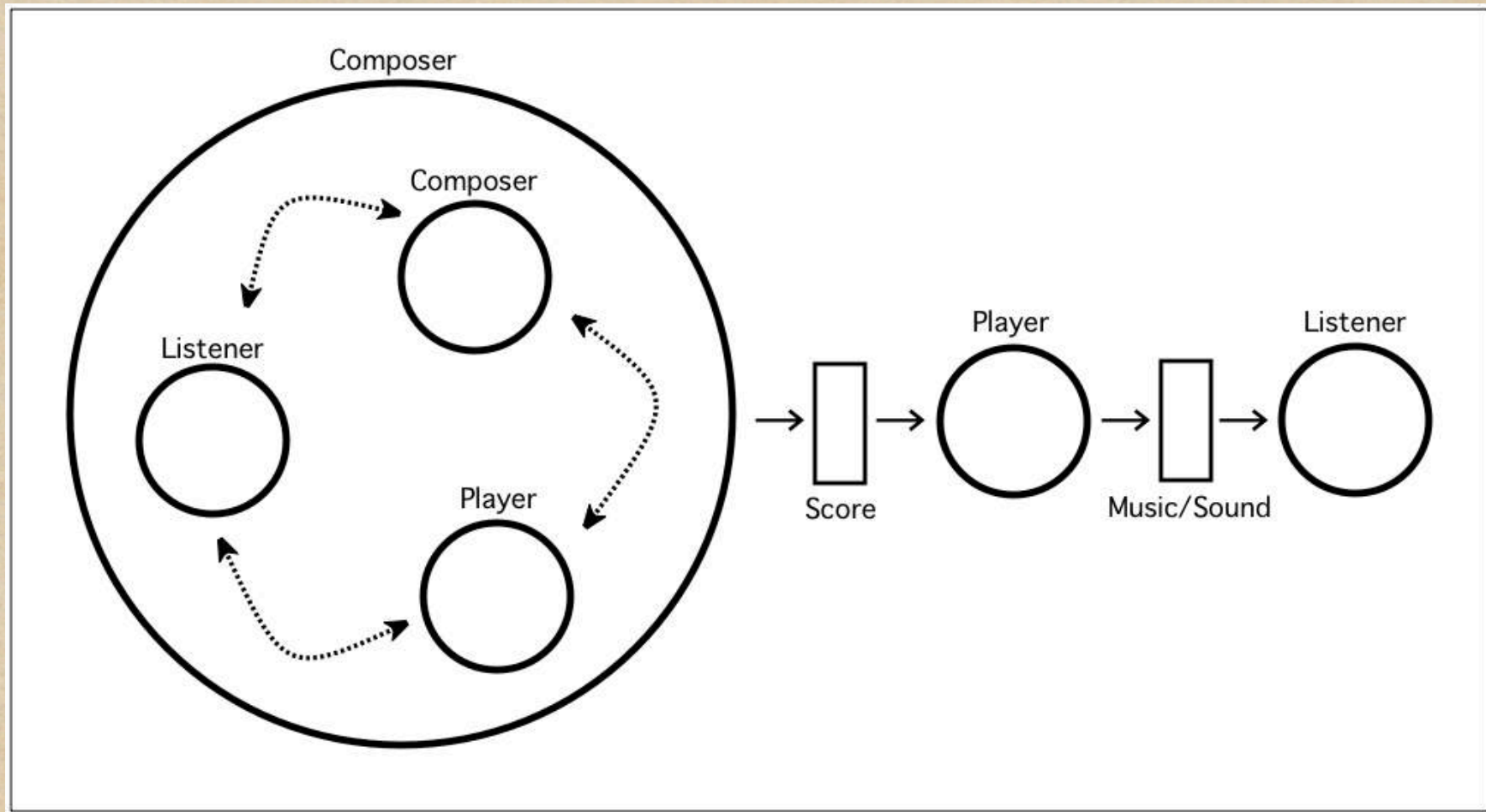
# “Music” vs “Technology”





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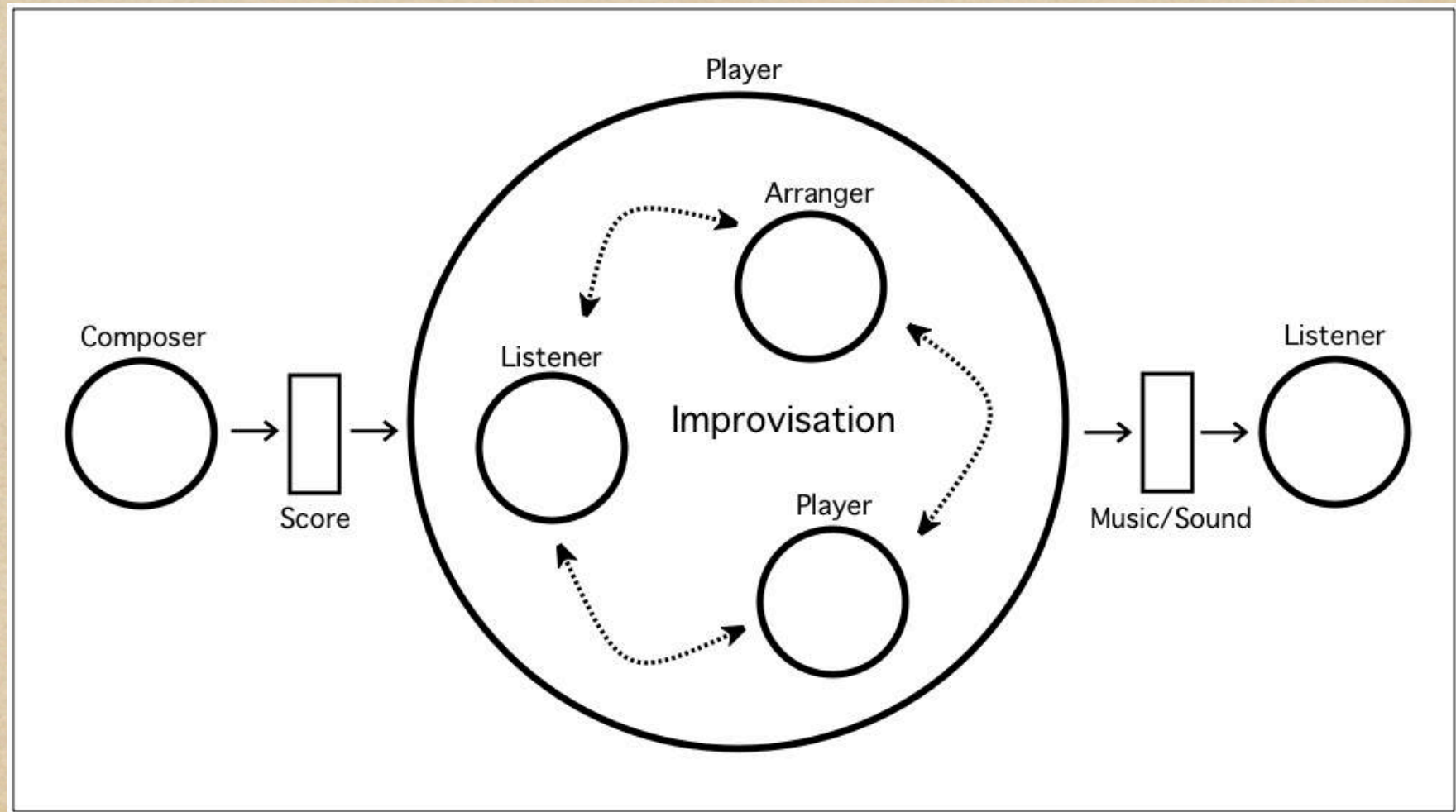
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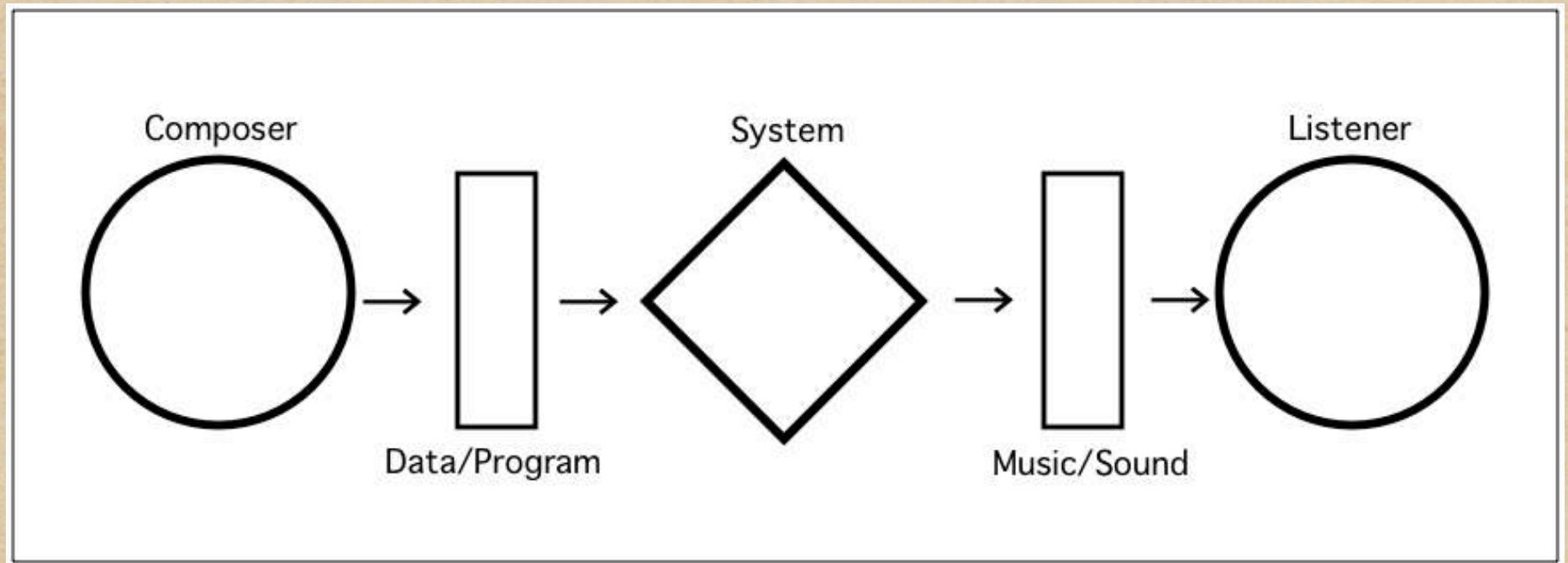
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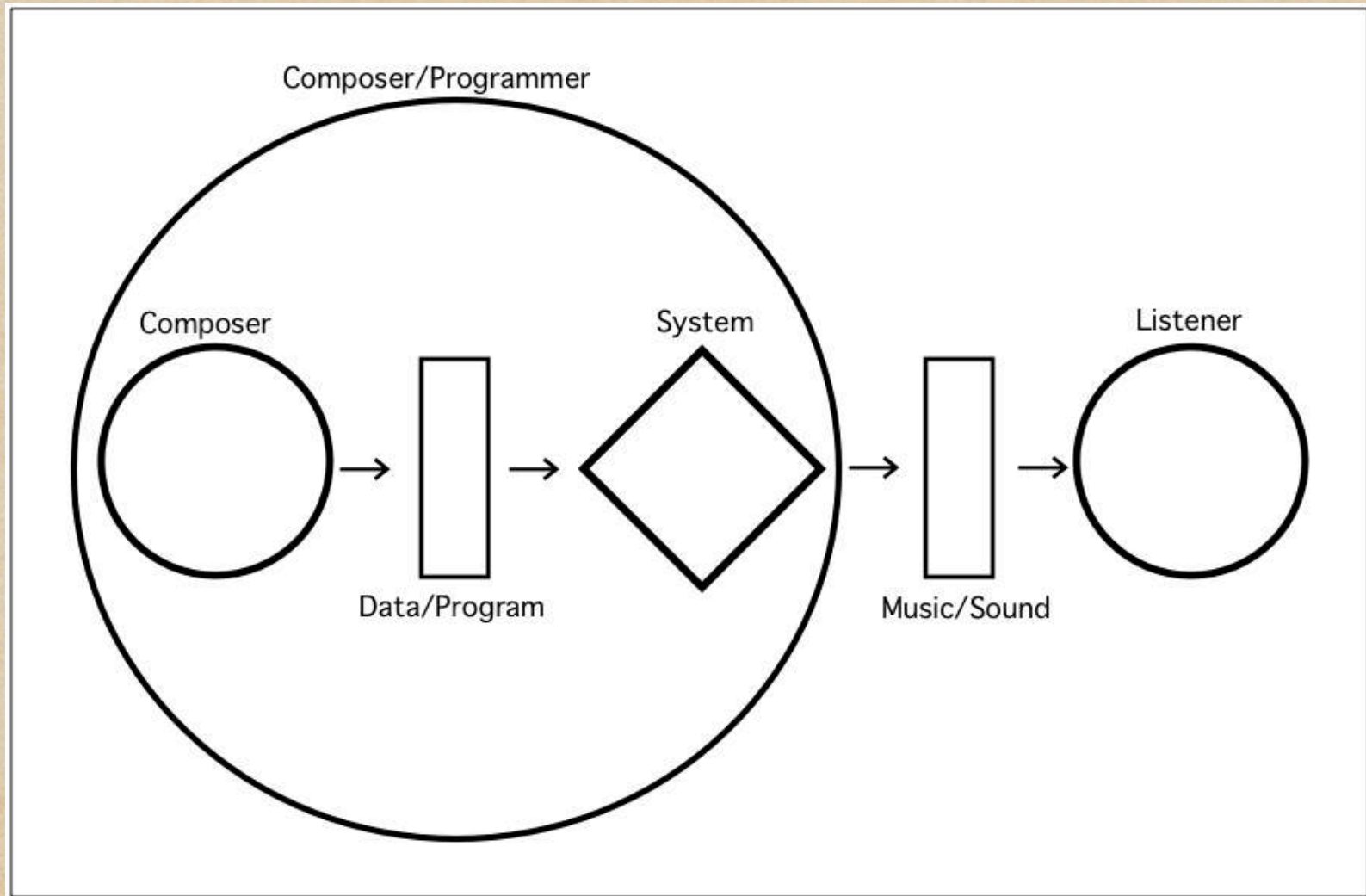
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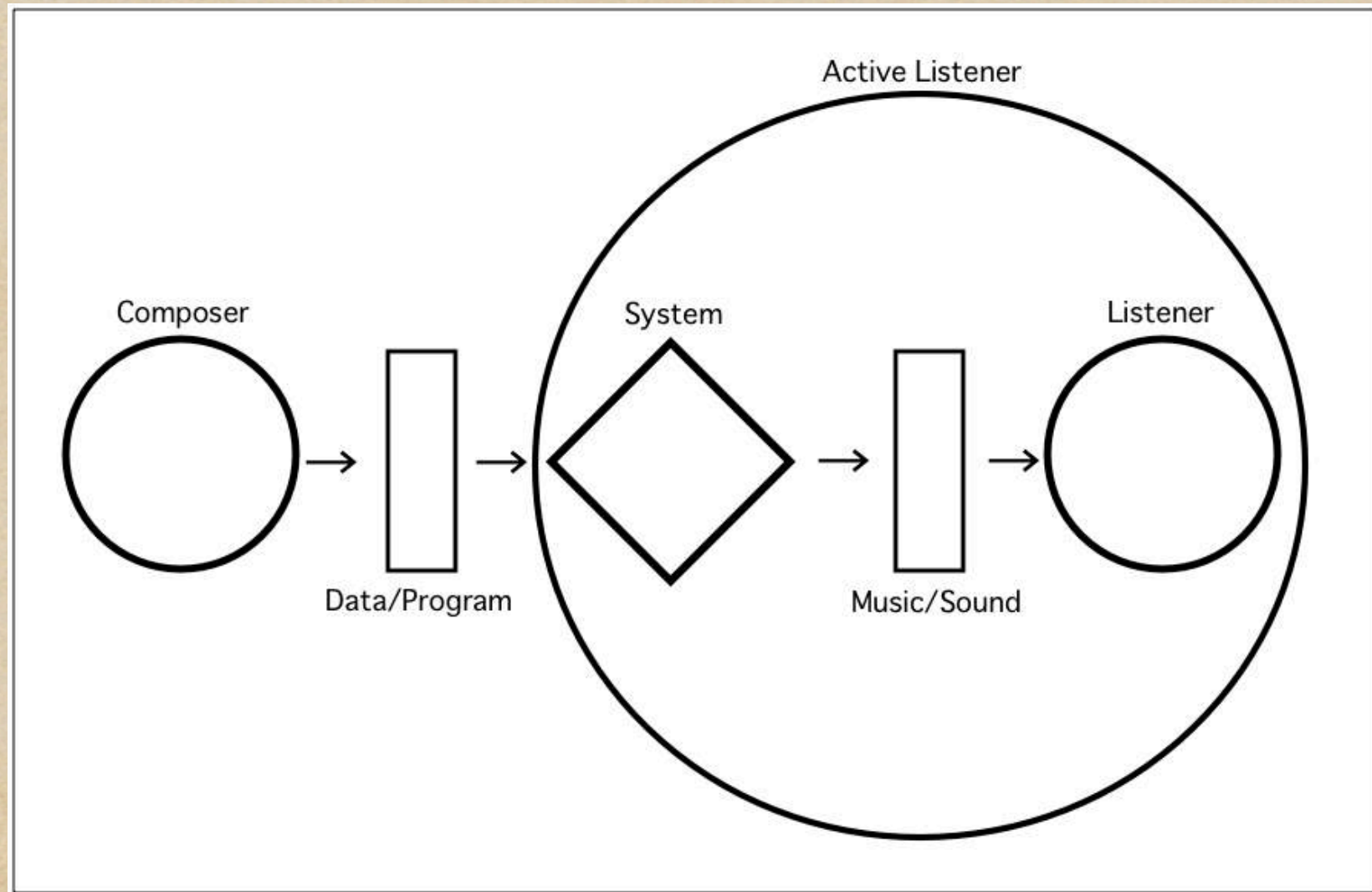
# “Music” vs “Technology”





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# “Music” vs “Technology”





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# Entertainment Design

- Design for Entertainment
- Entertainment in Design Process
- Motivation in Education
- Students are encouraged by Works



That's all, thank you.