Collaboration: Building Authentic Museum Experiences in Non-Museum Environments

Emily Saich - Universal Services Associates, Inc.
LaNeshe Miller-White - Interactive Mechanics
Jennifer Farrington - Chicago Children's Museum
Thomas Barry - Intrepid Sea, Air & Space Museum
Children’s Hospital of Philadelphia
Design and Fabrication
● Safety
● Touch
● Play
● Movement
● Imagery
Movement
Movement
Movement
Children’s Hospital of Philadelphia

WAIT-PLAY-LEARN INTERACTIVES
Building Interactives for the Hospital Environment

- **Hands-free**
  - Infection Control/cleanliness
  - No touch screens
- **Promoting More Than Just Tapping**
  - Full-body involvement
- **Understanding Who You’re Building For**
  - Being accessible for both cognitive and physical ability levels
The Tech: Microsoft Kinect

- Released in 2010 for Xbox 360
- Built and supported by Microsoft
- Hands-free, gesture based interactivity
- Open-source, free to develop
- Low cost, highly functional hardware
Accessibility

- Cognitive dis/ability
  - Beware of complex and jarring animations
  - Strobe/flashing lights
- Physical dis/ability
  - Crutches
  - Wheelchair
  - Ability to open and close hands
  - Fine motor skills
  - Parents holding children
- Sensitivity to Body Image
  - Not everyone wants to see themselves in a game
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Dig

Dance
What’s the pay off?

- Goal to engage children for ~10 minutes
- Built without an end goal to accommodate children coming and going for appointments
- Using digital for this project allows users to have a unique varied experience each time they visit
- It is built flexibly, allowing for multiple games on a single floor
Challenges Faced:

A partial list

- Restrictions on time
- Apathy or open hostility from students
- Transient population
- Restrictions on materials
- Circumstances outside of our class (fights/lockdowns)
Name: YOU DONT NEED TO KNOW IT

Zimbabwe
Australia
Mexico
South Korea
Russia
Argentina
China
Sweden
Luxembourg
Ireland

WE DONT WANT YOU MAKING MY DAY THIS HARD

THIS
A
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Good afternoon all, I hope all is well. Effective today March 13, 2018 no provider will be allowed to receive a clearance for any electronic devices. This includes laptop, tablets, iPad, etc. There will be no exceptions for any program. Please follow up with your Coordinators if you have any questions.

Director of Program Development and Partnerships / Youthful Offenders Programming
New York City Department of Corrections
Email: [REDACTED]
Office: [REDACTED]
Cell: [REDACTED]
this program it would be…

“Is ok.”
“Nothing.”
“Bring them back.”
“Learned a lot.”
“It inspired me to go to the museum again! :-)"
Tacony Creek Park

- 300 acres of streamside and woodland park habitat
- 100 bird species
- 6 stream miles
- 3.2 miles of trail
- 19 different Philadelphia neighborhoods
Something’s Out There in the Woods!

TTF’s Robin Irizarry makes the debut ride of the new CreekMobile, full of fun, information and activities!
Questions?
Let's Brainstorm!

LaNeshe - laneshe@interactivemechanics.com
Emily - esaich@buildwithusa.com
Tom - tbarry@intrepidmuseum.org