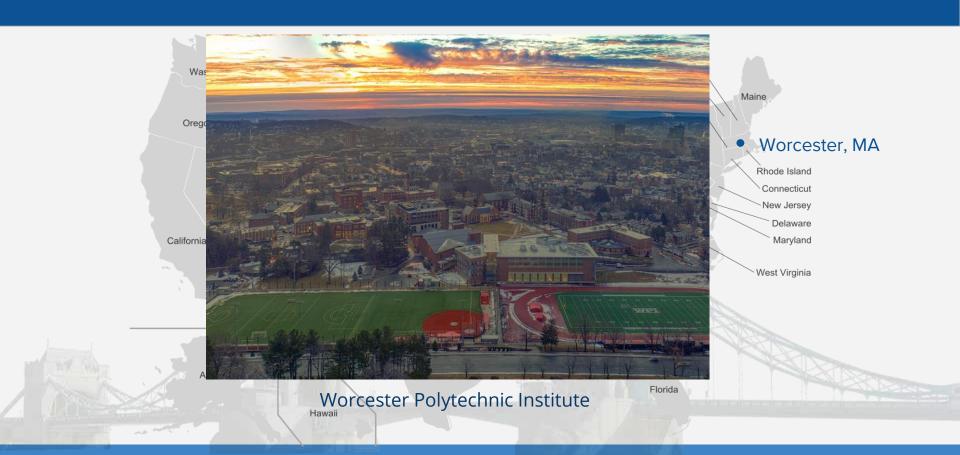


Who Are We?



Why Are We Here?



Our goal was to assist the Tower Bridge Exhibition management in **determining the effectiveness of the new exhibits** in the North and South Towers and Engine Rooms Exhibits.

Our Objectives

To Determine the

Demographic Profiles of

Visitors to the Tower Bridge

Exhibition

To Assess **Visitor Comprehension** of Content in the Tower Bridge Exhibits

To Rate **Visitor Satisfaction**with the Tower Bridge Exhibits

To Measure Visitor

Engagement within the Tower

Bridge Exhibition

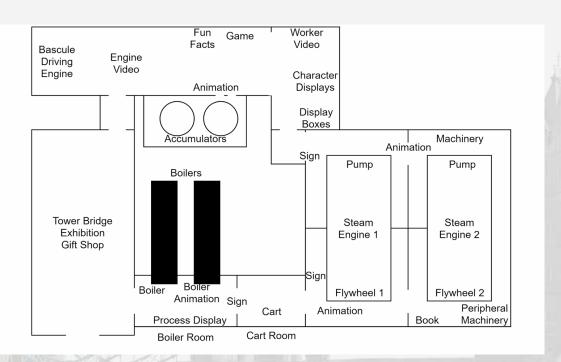
Surveying Provided Visitor Motivations and Beliefs



- 5 minute survey
- Performed in Engine
 Rooms at end of tour

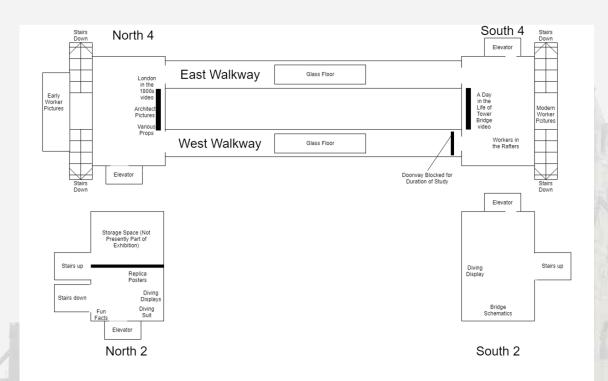
- **√** Demographics
- √ Comprehension
- **√** Satisfaction
- X Engagement

Exhibit Observation Revealed Visitor Behavior



- Exhibits divided into elements
- Element engagement ranked from 1-3
- **X** Demographics
- **X** Comprehension
- **X** Satisfaction
- **√ Engagement**

Shadowing Illustrated Change in Interest

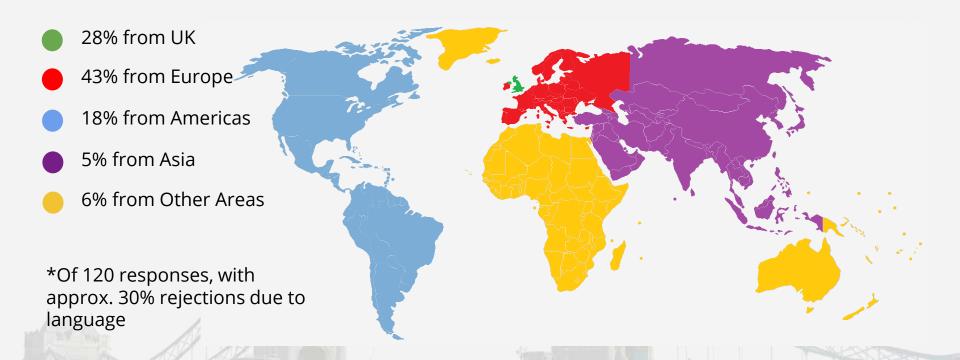


- Observation for allexhibits of one visitor
- Exit Survey

- **✓ Demographics**
- √ Comprehension
- **√** Satisfaction
- **√** Engagement

Results and Analysis

Current Demographics Confirm Previous Study



Demographics

Comprehension

Satisfaction

Visitors Are Content with International English

Percent of Visitors that Like the Language of Content

30% of people couldn't take our survey to language limitations

Potential Language Additions

French

German

Italian

Mandarin

Russian

Demographics

Comprehension

Satisfaction

Recommendation: Introduce Language Provisions

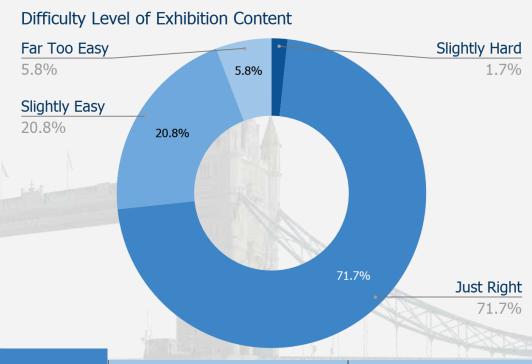
Introduce Audio Tours

- Overcomes Language Barriers without need for excess signage
- Provides more information to curious visitors
- Accessibility for other physical ailments including vision problems



Current Exhibit Content May Be Too Easy

"I wish there was more information. I felt like it was too easy since there was only one line of content for an entire exhibit."



Demographics

Comprehension

Satisfaction

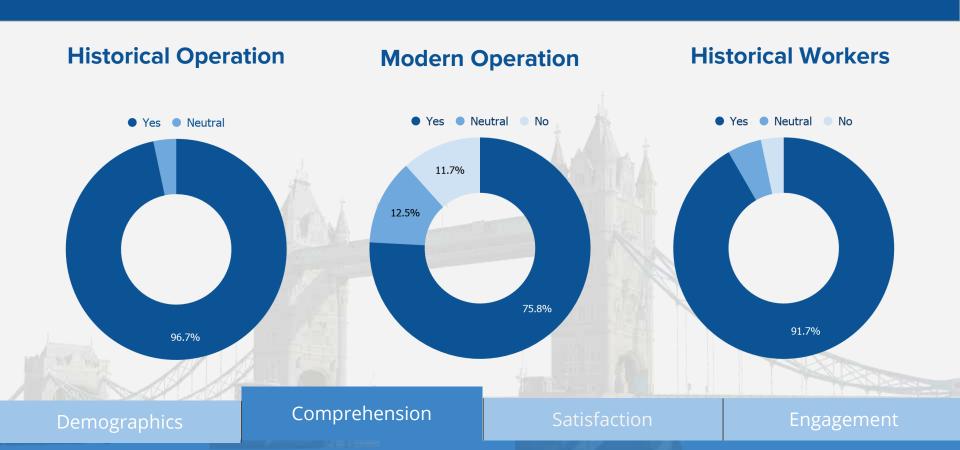
Recommendation: Filling Empty Space

Use empty space in South Tower for more content

- Interactive Exhibits that prompt engagement
- More technical information that can fill in the gaps



Do Visitors Better Understand...



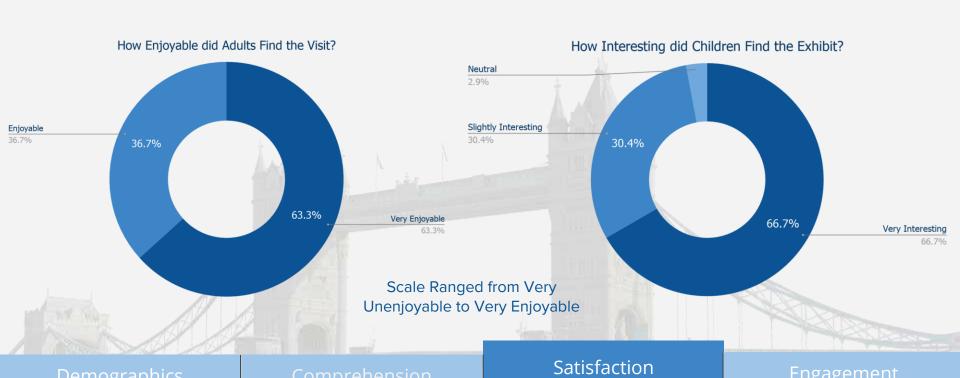
Recommendation: Information on Modern Operation

- Move all of the information to the same place
- Provide More Information on Modern Operation





Tower Bridge is Highly Enjoyed Among Visitors



Visitors like Physical, Visual Exhibits

97% 89% 82%

Overall Favorite Exhibits

Steam Engines

Demographics Comprehensio

Glass Walkways

Satisfaction

Engagement

Views of London

Visitors like Physical, Visual Exhibits

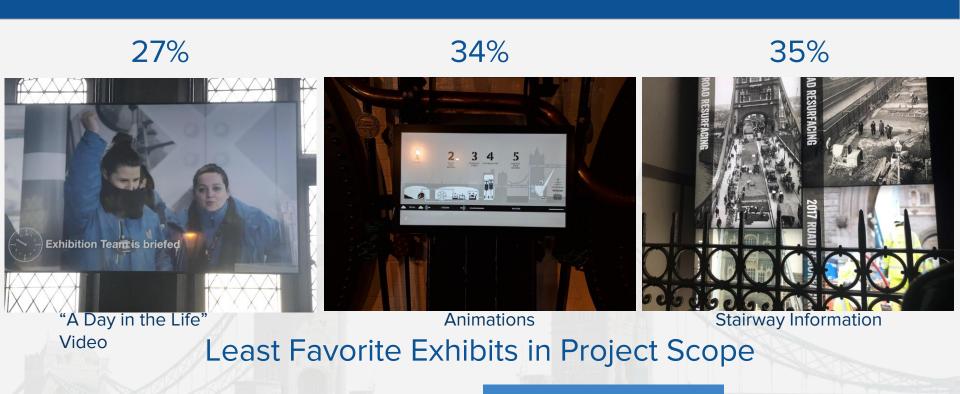
89% 70%* 54% Steam Engines **Diving Displays** Workers in the Rafters

Favorite Exhibits in Project Scope

Demographics Comprehension

Satisfaction

Least Popular Exhibits have Fewer Patterns



Demographics Comprehen

Satisfaction

Recommendation: Replace "Day in the Life" Video

Quantitatively Unpopular

Criticism from both Visitors and Staff Members

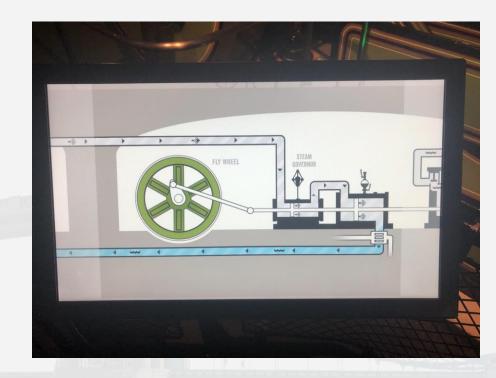
Doesn't Fit Theme of the Towers Exhibits



Recommendation: Edit Engine Rooms Animations

Create signs that can indicate that these are not touchscreens to reduce visitor confusion and increase durability of machines

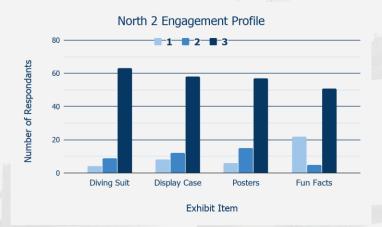
Shorten overall length of animations to increase engagement



Recommendation: Alter Off-Season Movement

Increase access to North 2 outside of Summer Months

Average Engagement: 2.61





Visitor Engagement is Not as High as Possible

1.87

Towers

2.19

Engine Rooms

Average Score of Engagement Based on 1-3 Scale Indicators

Demographics

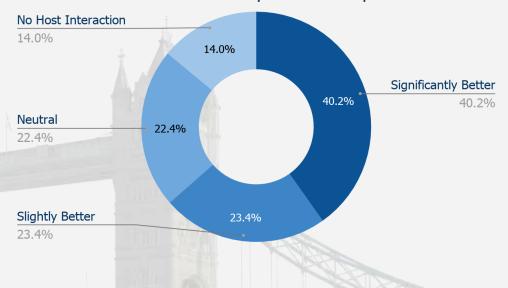
Comprehension

Satisfaction

Hosts Have Little Interaction, but Still Popular

Average Score of Welcome Host Interaction
Based on 1-3 Scale Indicators

"How Did Welcome Hosts Impact Your Experience?"



Demographics

Comprehension

Satisfaction

Hosts have Large Impact on Engagement

Average Score of Visitor Interaction with Workers in Rafters
Based on 1-3 Scale Indicators

Average Score of Visitor Interaction with Workers in Rafters with Welcome Host Guidance Based on 1-3 Scale Indicators

Demographics

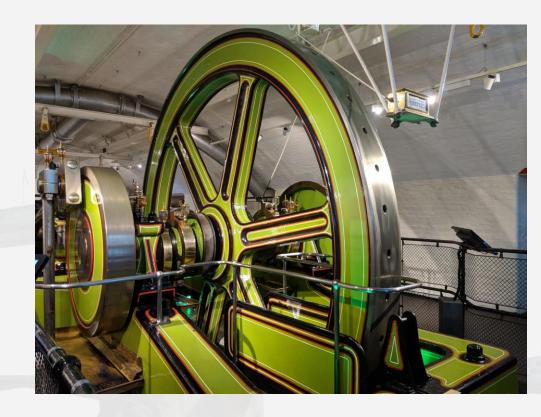
Comprehension

Satisfaction

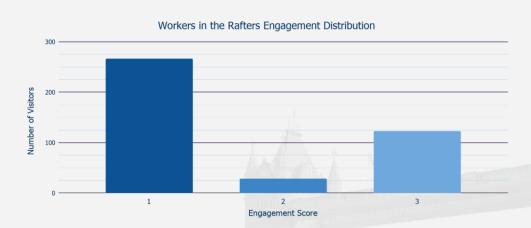
Recommendation: Welcome Hosts

Reinforce Host interaction with visitors to increase overall engagement

We were asked many questions while surveying in the Engine Rooms. Place host in Engine Rooms to answer frequent visitor questions



Certain Exhibits Appear to be Skipped Frequently



Many visitors were engaged enough to take a photo, but the majority of people didn't even see them North 2 Fun Facts

Workers in the Rafters

South 2 Display Cases

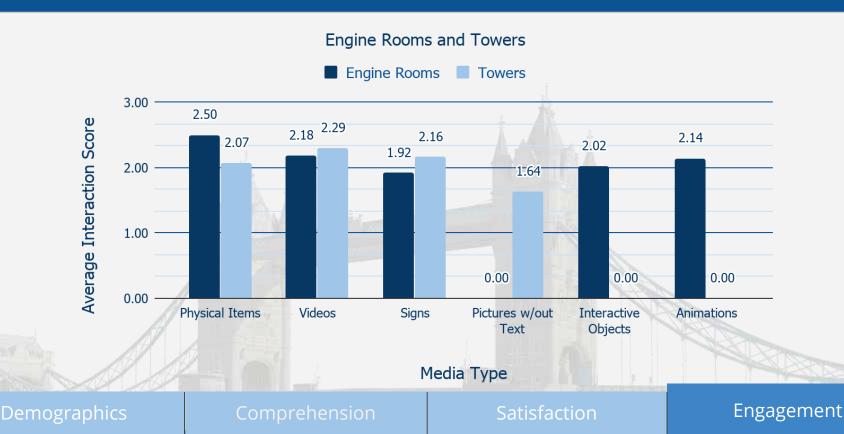
Boiler Room Signs

Historical Book

Demographics Comprehens

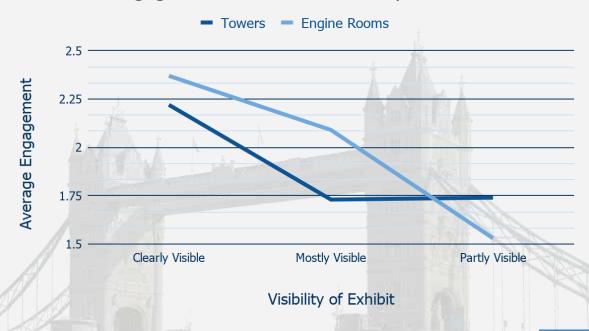
Satisfaction

Exhibit Media Has Little Impact on Engagement



Placement Has Large Impact on Engagement





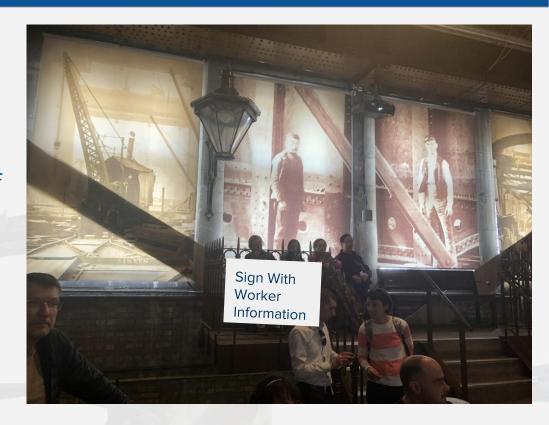
Demographics Comprehension

Satisfaction

Recommendation: Implement Signage

Introduce visible signs that explain banner content in North and South 4

Find a way to increase visibility of Workers in the Rafters



Recommendation: Add an Additional Worker



In this case, Tom is in the location of the extra worker



Thank You!

Our Contact Information

Email: lo19.tb@gmail.com

Project Center: https://wp.wpi.edu/london/

We Would Like to Thank:

Dirk Bennett

Tower Bridge Management

The Welcome Hosts

Professors Boucher and Carrera