The Postal Museum: in a Box

An Interactive Qualifying Project
Who We Are

Connor Dietz
Mechanical Engineering

Tabitha Gibbs
Robotics Engineering

Ben Schade
Management Engineering

Owen Smith
Robotics Engineering
The Postal Museum
Museum in a Box
Objectives

Design Criteria

Lesson and Bundle

Recommendations
Scripts should be fast and fun

Children lose interest quickly, try to capture their attention and don’t keep them longer than a minute.

Take potentially boring monologues, and make them creative or a bit silly.
Items should be informative, yet spark discussion

Have a range of diverse objects that are interesting to hold and explore.

Helen Chatterjee
Object-based Learning
Researcher
Do not worry about replacing a museum visit

Make use of what the Postal Museum has to offer, both on display and not

Martin Devereux
TPM Digital Content Development Manager
Modular curriculum attracts schools

Using historical context to reinforce literacy skills keeps students engaged with school lessons.

Relating historical content to the modern day grounds it with real world context.

Eric Cota
Year 4 Teacher

Valentina Evangelou
Computing and Online Safety Lead, Lancasterian Primary
Lesson Format

I recd a pkg estrda. It was fm the trn condr.
Lesson Framework

Lesson Flow
Modular
Improve Through Iteration
Allows Diverse Content
Exploratory

Communication Forms
Telegrams Letters
Postcards
Parcels
Signalling

Categorize Mystery Letters
Get a Letter
Class Discussion
Open-Ended Questions
How Was it Sent?
Who Wrote It?
Why it was Sent?

Delivery Operations
Collecting
Post Collecting
Railway
Post Office
Delivery

Transportation (Delivery Methods)
Pneumatic
Air
Carrier Pigeon
Rocket
Balloon
Maritime

Letters Through Time
Titanic
Churchill/Wartime Letters
Voices from the Deep
Modern Postage

Lesson and Bundle
Lesson Overview

Unable to meet with a curator
Classroom Testing

St. Mary’s Primary School

Students left halfway through
Kids had a positive experience with MiaB

Recommendations

- Recommendations
Interest ➔ Engagement ➔ Learning

Recommendations
# Content Recommendations

## Audio

<table>
<thead>
<tr>
<th>When developing quality audio:</th>
</tr>
</thead>
<tbody>
<tr>
<td>➤ Scripts should be exciting and clear</td>
</tr>
<tr>
<td>➤ Voices should have unique character</td>
</tr>
<tr>
<td>➤ No more than 45-60 seconds long</td>
</tr>
<tr>
<td>➤ Write with consideration to the audience</td>
</tr>
<tr>
<td>➤ Use sound effects to hold attention</td>
</tr>
</tbody>
</table>

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### Recommendations

The Postal Museum

[Image with a pigeon and microphone]

[Image with headphones]
# Content Recommendations

**Audio**

**Items**

**Worksheets**

<table>
<thead>
<tr>
<th>Items in a MiaB bundle should:</th>
</tr>
</thead>
<tbody>
<tr>
<td>➤ Have sensory diversity</td>
</tr>
<tr>
<td>➤ 2D v. 3D</td>
</tr>
<tr>
<td>➤ Interesting color and texture</td>
</tr>
<tr>
<td>➤ Use intuitive NFC placement</td>
</tr>
<tr>
<td>➤ Be simple and recognizable</td>
</tr>
<tr>
<td>➤ Be fun to hold and look at</td>
</tr>
</tbody>
</table>
## Content Recommendations

<table>
<thead>
<tr>
<th>Audio</th>
<th>Items</th>
<th>Worksheets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>With items, include worksheets that:</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>Have easy to understand questions</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>Challenge student creativity</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>Relate to curriculum</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>History</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>Literacy</td>
</tr>
<tr>
<td></td>
<td>➤</td>
<td>Supplement MiaB content</td>
</tr>
</tbody>
</table>

### delivery collection

As you participate in the activity, answer the following questions:

Name as many mail delivery methods as you can from the 20th century:
Logistical Recommendations

- Two to three small groups per classroom
- Students should stand while using MiaB
- Ask comprehensive and engaging questions
- Include additional outreach activities
- Keep improving content through feedback
Bringing Our Findings to a Global Scale

Recommendations
Acknowledgements

Martin Devereux  
Sponsor, Head of Digital Development

Sally Sculthorpe  
Learning Team Manager

Andrew Bruce  
TPM Content Digitiser

George Oates  
CEO of Museum in a Box

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MiaB Lead Designer

Valentina Evangelou  
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Eric Cota  
Year 4 Teacher

Kathleen Tekiner  
Year 4 Teacher

Andrew, Eli, Jade, Ian, Martin, Andy  
Our Voice Actors

All the Postal Museum Staff  
You put up with us