

Multi-disciplinary approach to learning Chinese language and culture in the classroom

课堂中学习中国语言 and 文化的 多学科教学法

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THE CHINESE MUSEUM PROJECT

中国博物馆项目

A Multi-Faceted project for
Mandarin 1B,
an 8th Grade class

With complementing contributions from
Graphic Art,
an Upper School Elective

PROJECT OBJECTIVES

项目目标



- Bring to life Chinese history and culture in the Mandarin classroom using roughly 6 weeks of class time.
- Collaborate across disciplines and divisions.
- Enhance learning and retention.
- Create an interactive exhibition to engage others in Chinese culture and history

PROCESS OVERVIEW

制作和学习 过程

Students chose an existing museum by spinning a wheel with the names of 9 Chinese museums. They then explored notable artifacts.

Students selected one artifact to be used for an interactive postcard project with the Graphic Art class.

Using *Adobe Illustrator*, students in the Graphic Art Class designed and fabricated a four-part rubber stamp set to serve as a souvenir for the exhibition.

Using *Onshape* (CAD software) Mandarin students designed roof constructions for their exhibit. These were made of wood and laser cut in our Makerspace and then painted.

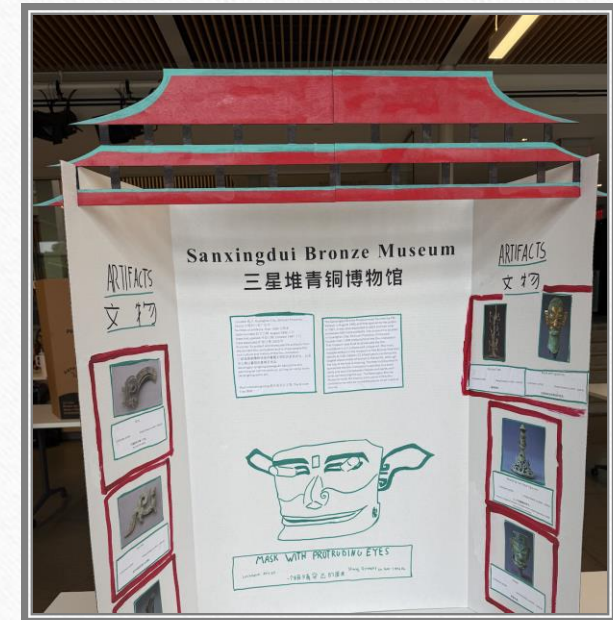
PROCESS OVERVIEW

制作和学习过程

Using *Reality Composer Mandarin* students designed an augmented reality (AR) gallery complete with voice output on their iPads.

Students designed and constructed a trifold poster display with detailed information about their museum. Including Chinese descriptions for each of the gallery items.

Prepared to engage with the community in both Chinese and English at the final exhibition.



COLLABORATION WITH GRAPHIC ART 与平面设计美术课的合作

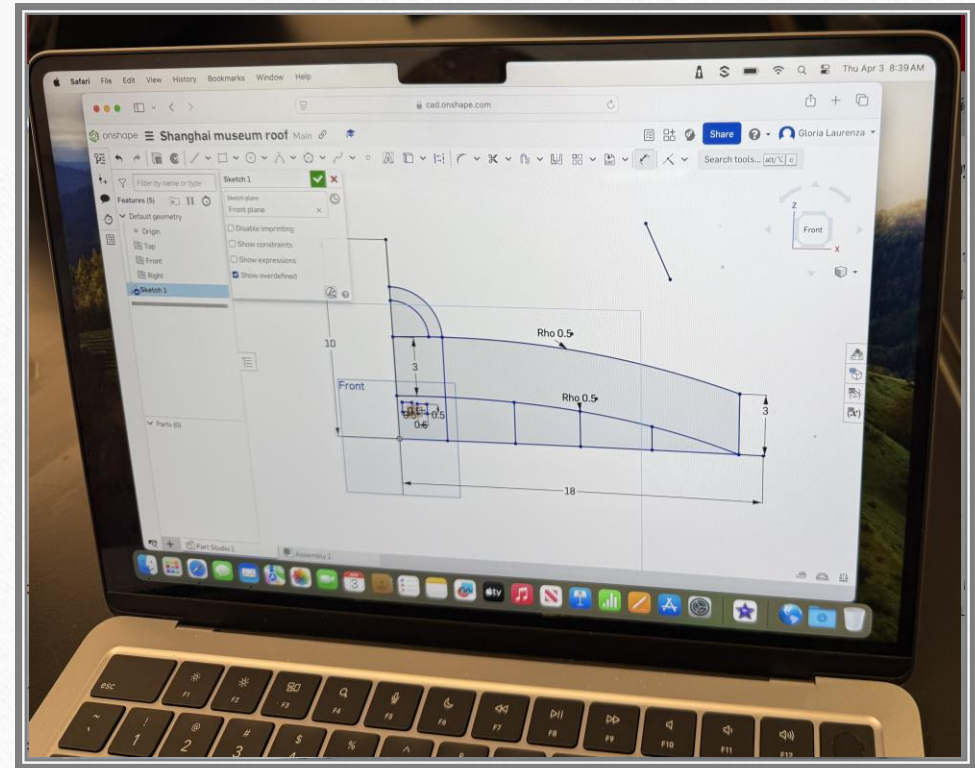
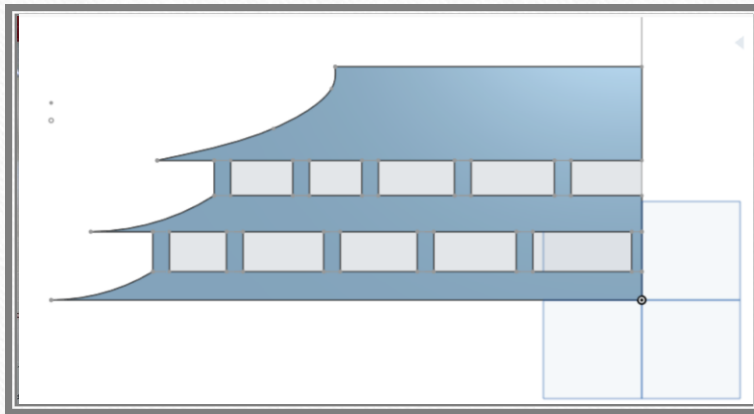


- Using *Adobe Illustrator*, Graphic Art students recreated their given museum artifacts as a four-color file.
- Color files were laser cut into individual rubber stamps in our makerspace.
- The stamps were presented at the exhibition as an interactive activity to create a museum souvenir.

DESIGNING MUSEUM ROOFS

设计博物馆的屋顶

- Using *Onshape*, 8th grade Mandarin students found inspiration from their actual museums to design a roof structure for their display.
- Roofs were then laser cut in wood using our Makerspace.



LASER CUT WOODEN ROOFS

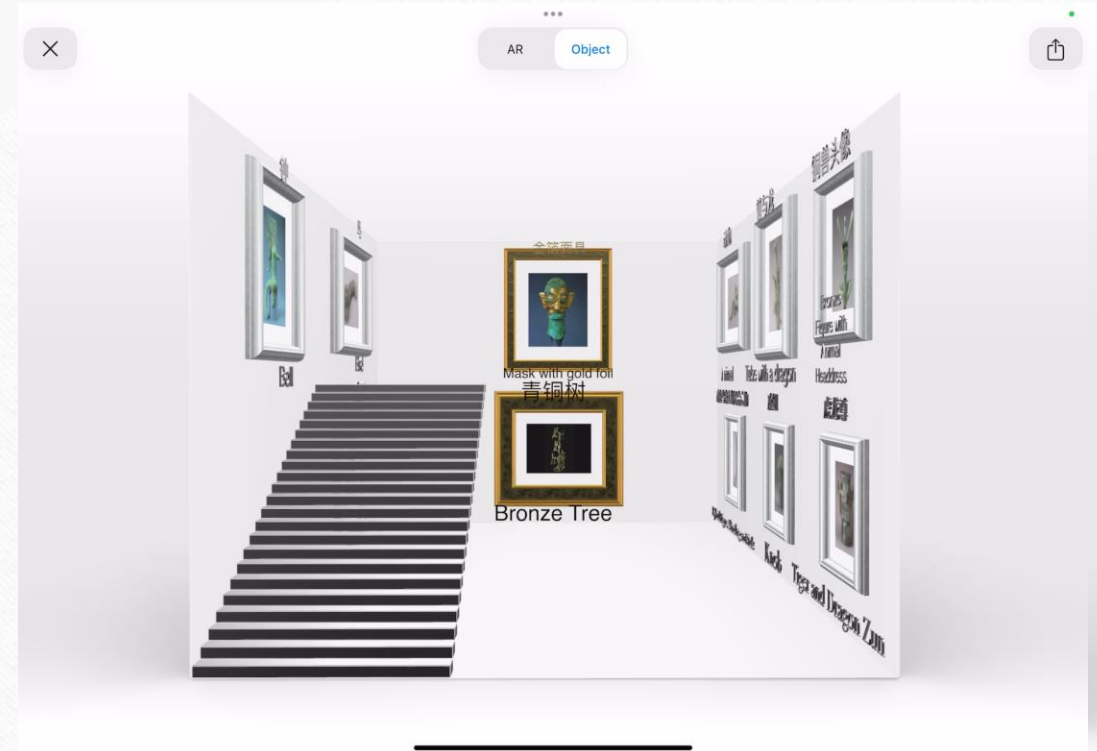
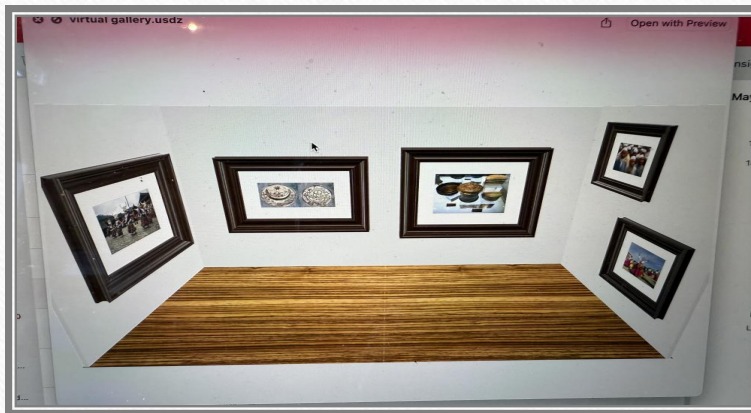
激光切割的木质屋顶



AUGMENTED REALITY MUSEUM

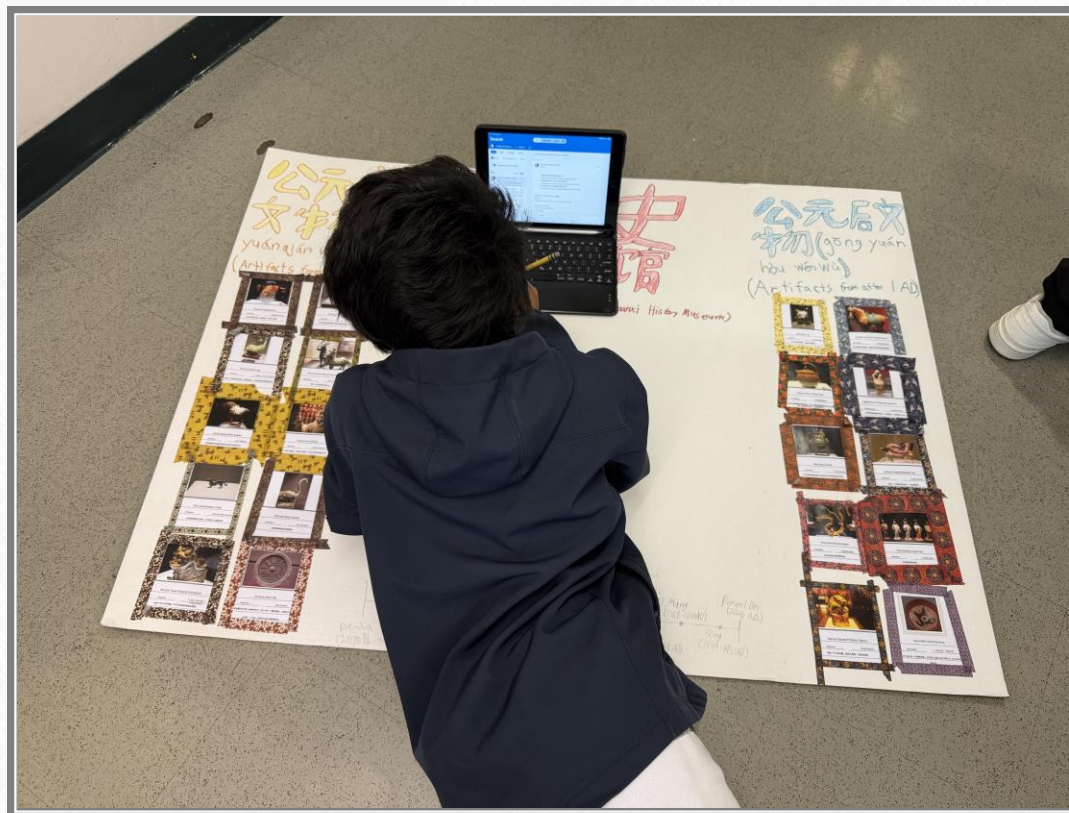
(AR)增强现实博物馆

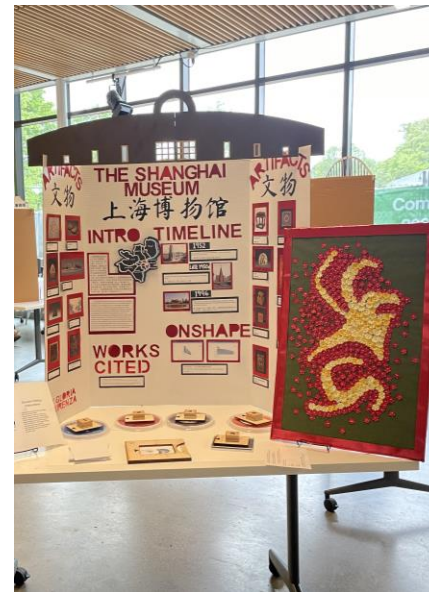
- Using *Reality Composer*, 8th grade Mandarin students designed their own AR gallery, which included notable artifacts.
- Students made voice recordings in Mandarin to describe the artifacts on display.



POSTER DESIGN

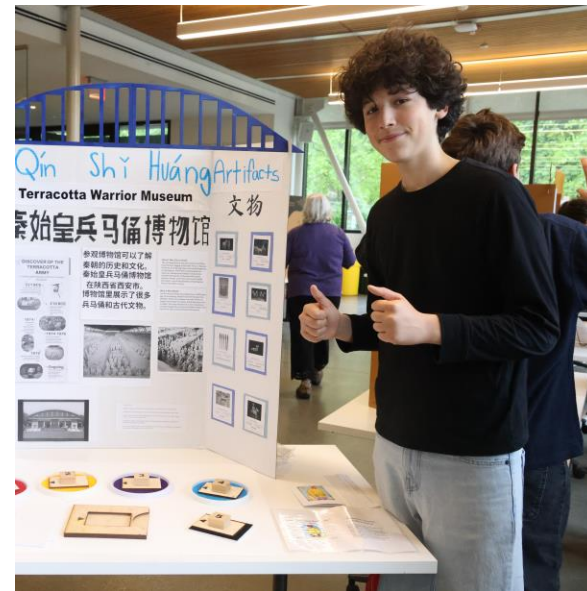
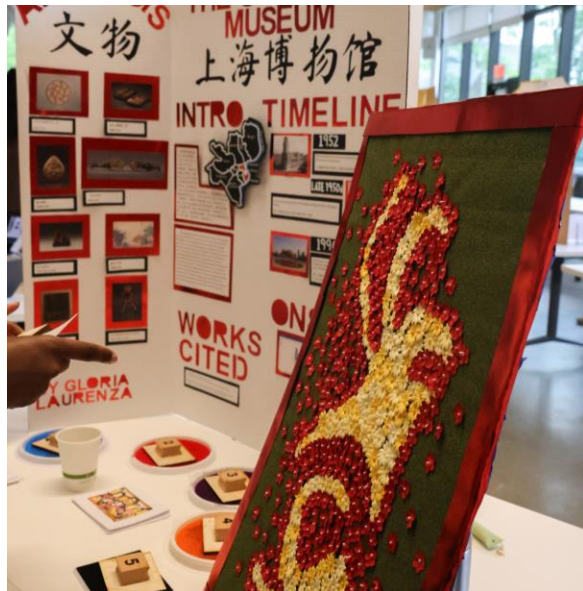
设计展示板





EXHIBITION SHOWCASE

展览展示



EXHIBITION SHOWCASE 展览展示



GUESTS VISIT THE MUSEUMS 在展览中介绍项目

- Students introduced their projects in both Chinese and English.
- Students explained museum history, location, notable artwork, and cultural significance to attendees made up of students, teachers, and parents.

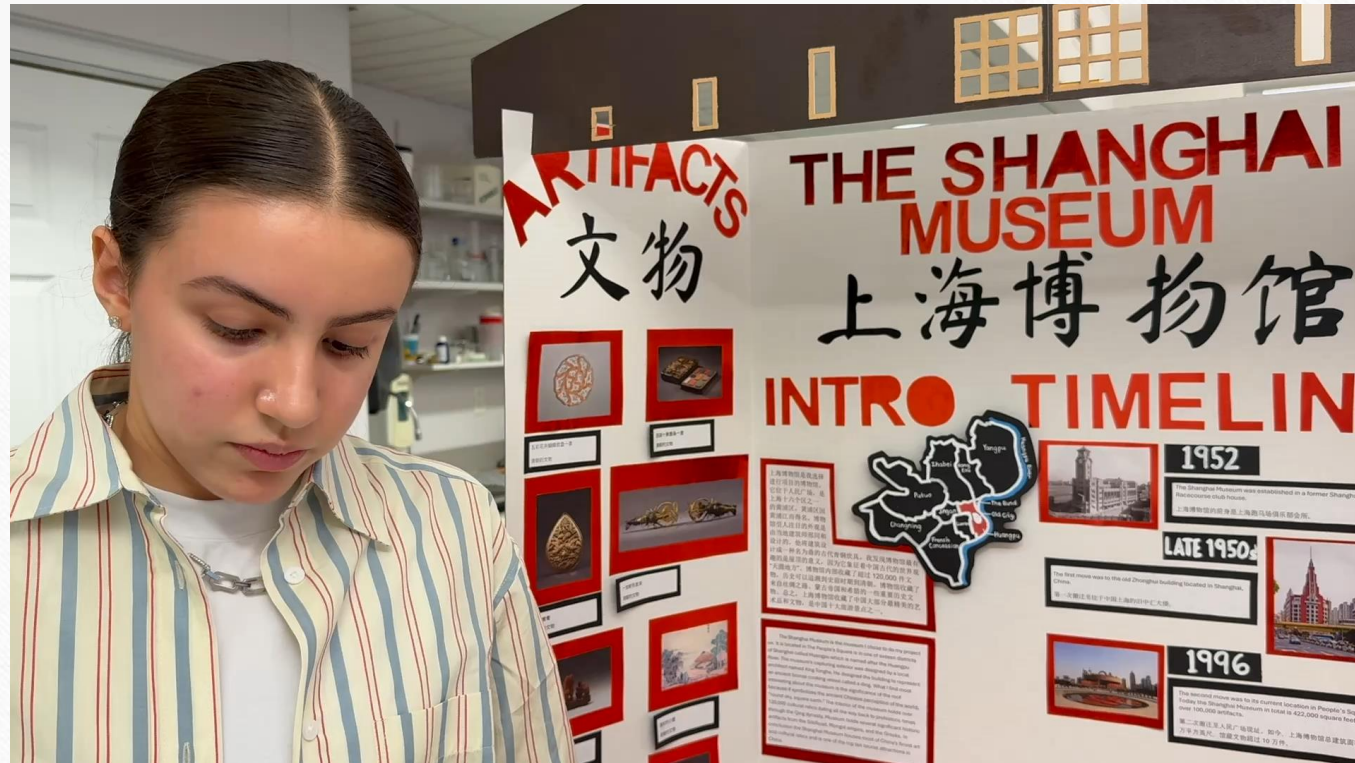
GUEST MAKE STAMP SOUVENIRS 印制纪念卡

- Attendees used four to five different color stamps to design one souvenir postcard. On the back of the card was a QR code which linked to the student's Augmented Reality Museum.



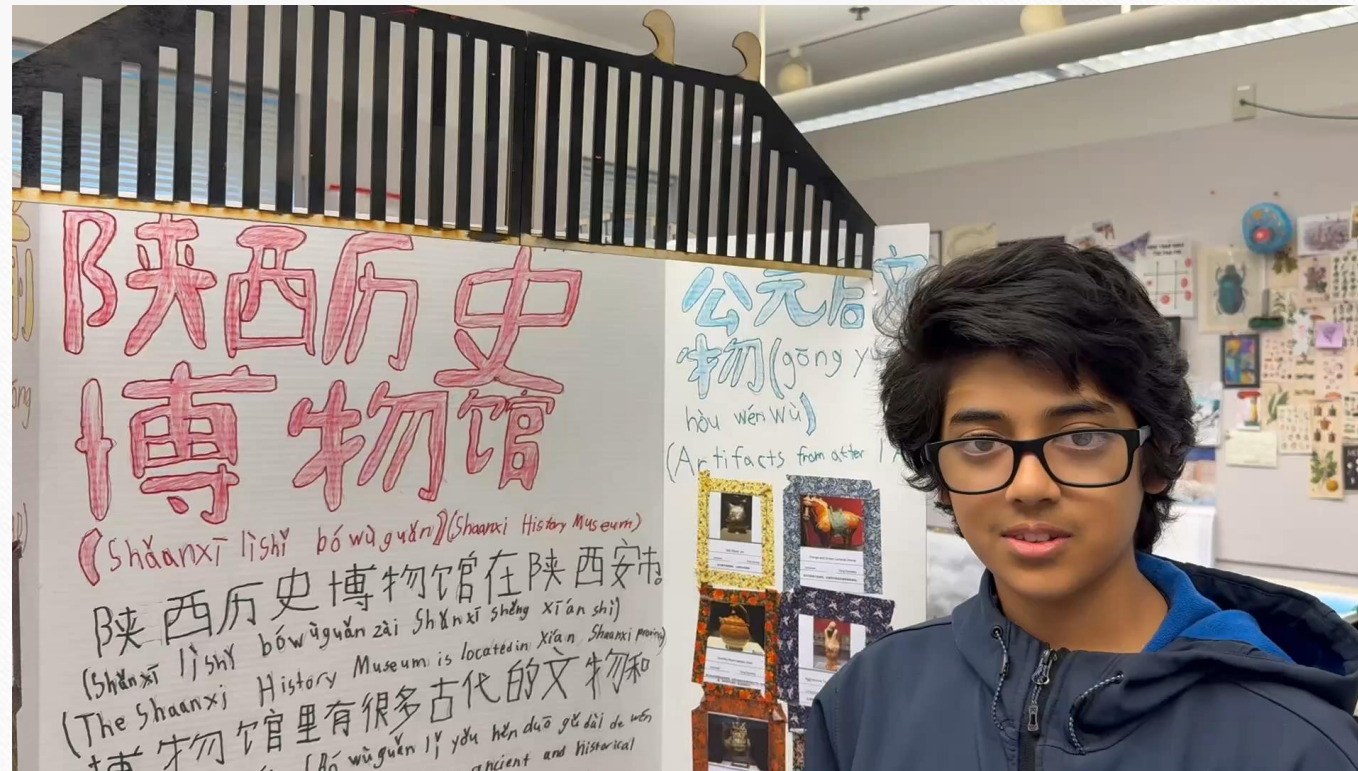
STUDENTS PRESENT THEIR WORK

学生用中文展示的视频片段



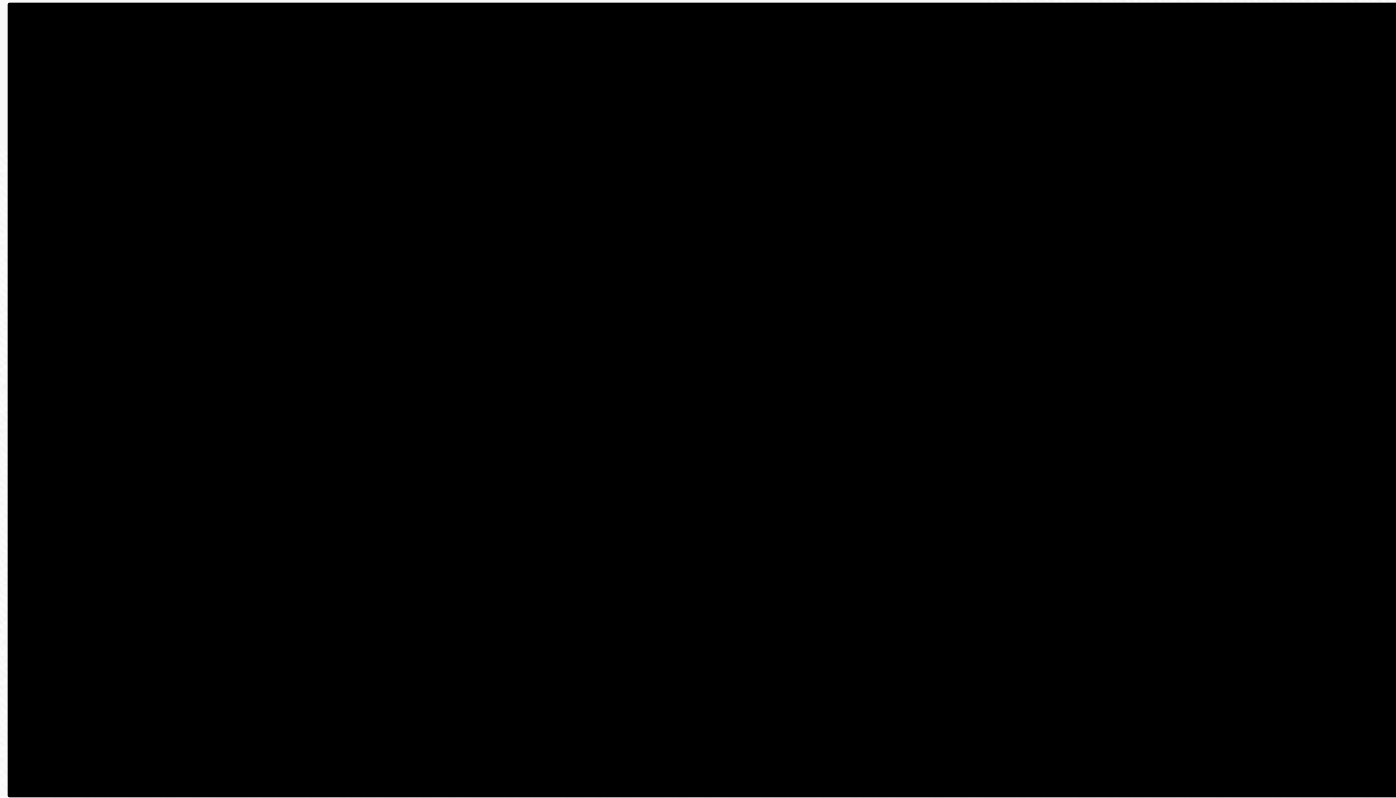
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REFLECTIONS 反思

我们的博物馆项目很有意思！

我觉得学上海宣传艺术中心很有意思！

我学了三星堆博物馆。我觉得项目很有意思！

曲阜孔子博物馆的书很丰富！

我学了很多历史！

上海博物馆有很多古代文物！我很喜欢这个项目！

我觉得学上海宣传艺术中心很有意思。



ACKNOWLEDGEMENTS

感谢参加这一项目

- Mandarin Class 1B (pictured)
- Graphic Art class
- Innovation and Design Department

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