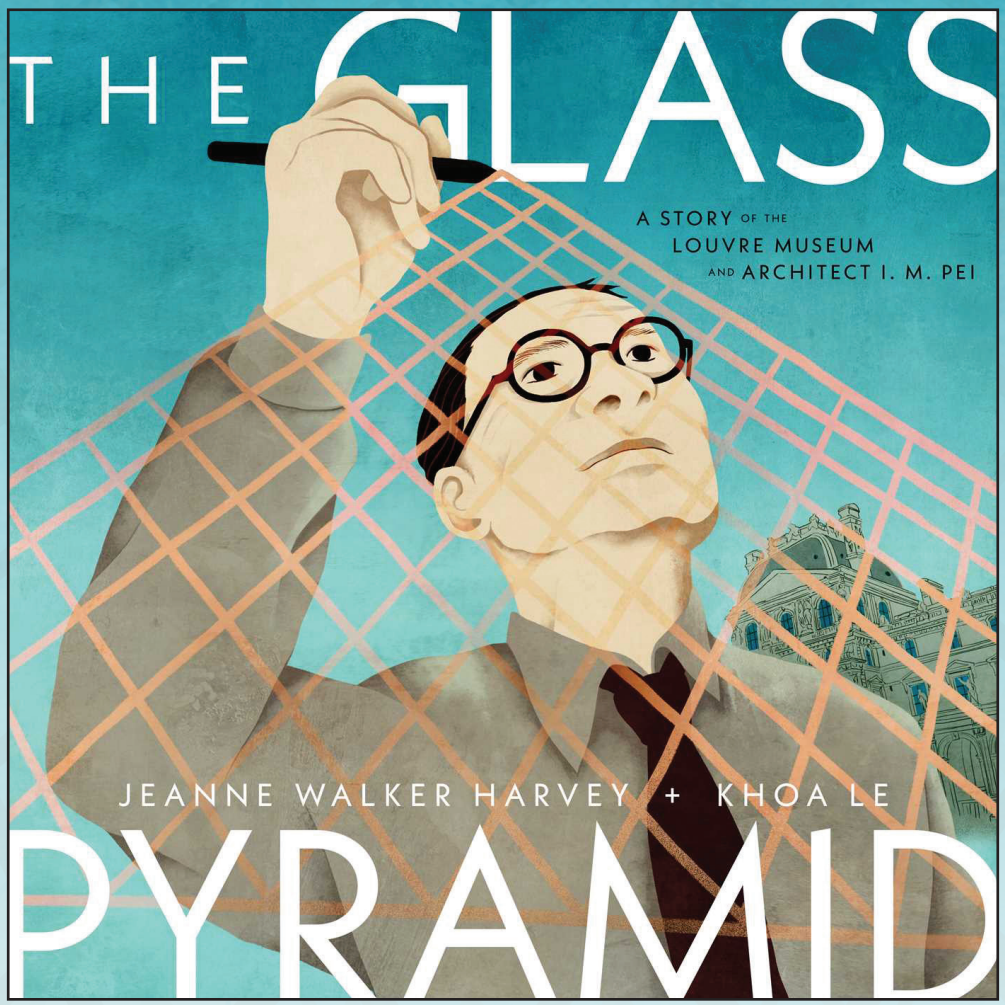
ACTIVITY KIT

9781665953337



Award-winning picture book biographer Jeanne Walker Harvey tells the story of the renowned architect I. M. Pei and his triumph in redesigning the Louvre through problem-solving and persistence.

In 1981, I. M. Pei was on a mission. A successful architect known for his modern designs, Pei was asked by the French president to redesign the Louvre Museum in Paris, home to the *Mona Lisa* and now famous for the glass pyramid at its center. At the time, the Louvre had many problems and no pyramid.

Pei faced many obstacles, including discrimination because he was Chinese American. Determined to succeed and make the Louvre a welcome place for all, Pei worked hard—and sometimes in secret. This is the story of a visionary who worked patiently and persistently to solve problems and achieve his goals: to plant and grow a glass pyramid.

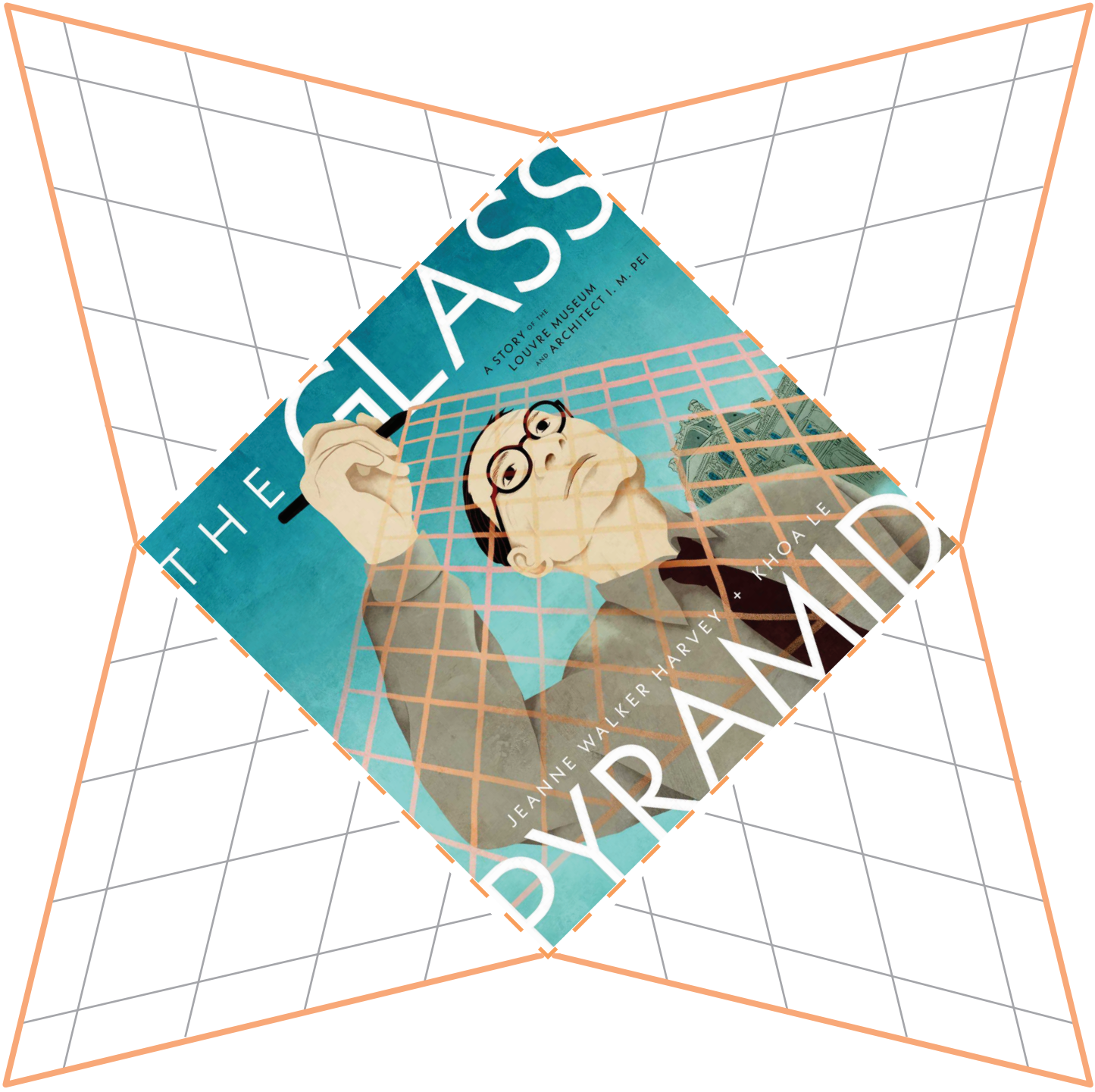
"A clear view into an extraordinary achievement from a legendary architect."
—Kirkus Reviews

jeanneharvey.com
simonandschuster.com/kids

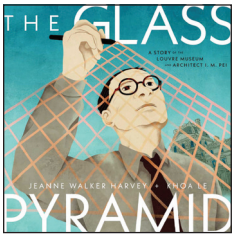
atheneum

Louvre Pyramid

Make your own mini-Louvre pyramid!

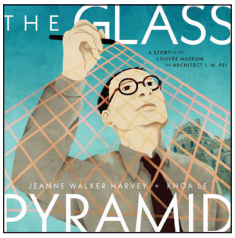


Cut out the template along the solid orange lines. Flip your template so that the blank side faces you. One at a time, fold each triangle onto the center square along the dotted line. Score the fold with your finger. When all triangles have been folded, bring them to meet in the center at their tips. Tape two triangles together where they join along the side. Then tape the third along one side and then the fourth along both sides. Voila! You have a mini-Louvre pyramid!



Puzzle

Cut out the picture along the orange lines. Mix up the triangles and put the puzzle back together again.



Design a Paper Bridge

I. M. Pei brainstormed several different ideas before deciding to build a glass pyramid as the entrance to the Louvre. Test your engineering skills by creating and measuring the strength of three different bridge designs.

YOU WILL NEED
Two book stacks, each approximately two inches tall
Several sheets of paper
A handful of pennies

Place your two book stacks 6 inches apart. Design a bridge made of paper to span the gap between the book stacks. Think about the bridge's length, width, thickness, and your paper folding technique (half fold; accordion; trifold; etc.). Test the strength of your bridge by adding pennies until the bridge collapses. Record your findings.

BRIDGE 1

Description: _____

_____

How many pennies can the bridge hold? _____

Modify your design and try again.

BRIDGE 2

Description: _____

_____

How many pennies can the bridge hold? _____

Modify your design and try again.

BRIDGE 3

Description: _____

_____

How many pennies can the bridge hold? _____

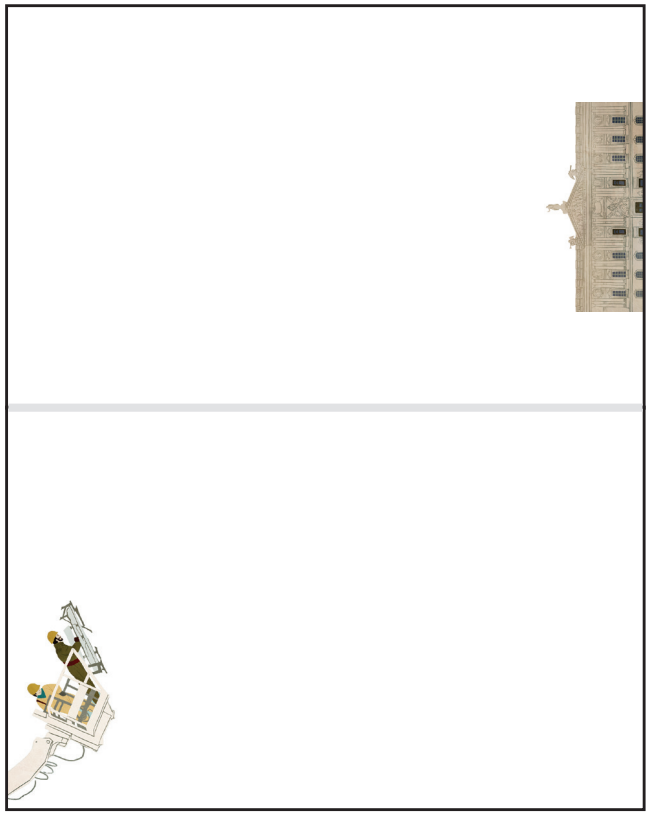
Which bridge was the most successful? Describe your modification process and how it helped or weakened your designs.

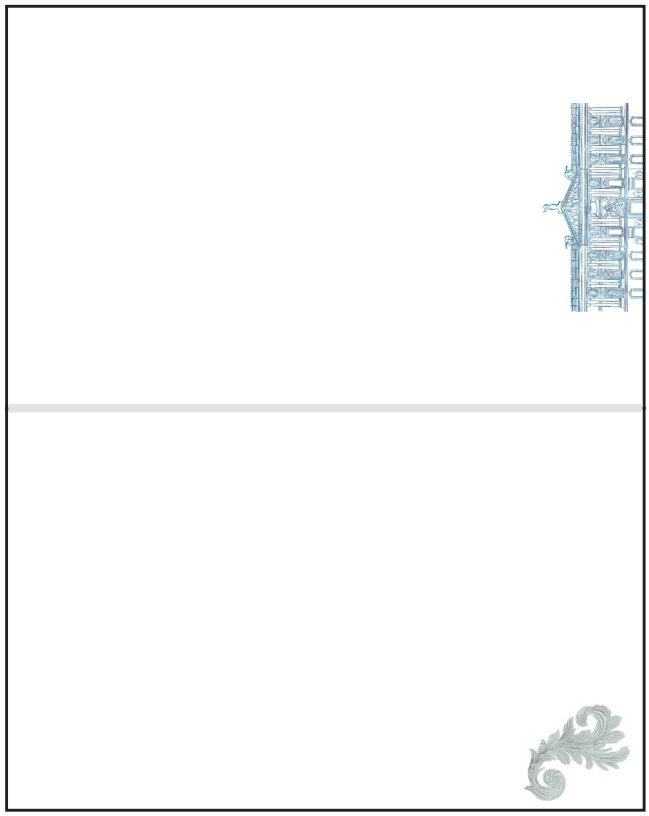
_____

_____

Architecture Sketch Book

Create this mini notebook to record architectural elements you see around you. Sketch the details of a window, doorway, gate, building trim, etc. Look carefully!





Cut out the rectangles and stack the pages with the "My Architecture Sketch Book" page on the top.
Staple along the center line and fold to create a mini notebook.

Word Search

Key words from *The Glass Pyramid* can go in any direction. Can you find them all?

E R V U O L U M A F A V K W N
E P B W P D C G U R V R S Y G
I G B Y E G S U C E O T C F B
H H X S L C E H I W S I L R P
F P I I D O I G T X C U O A S
Z G V K X T S R L Z T N M N G
N E P I E F A W M A Z Q J C N
C X Z C H T H F A P S I Z E K
K H T G A L L E R Y E S T V B
F Z I N A G Z Q B R Z H E O O
G B L N Y H E X H A B O B S U
V Y S A A D W A T M U F G I X
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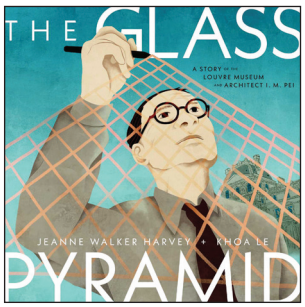
H K D D G G Y P C X H Q D P S



ARCHITECT ARTWORK BUILDING
CHINA DESIGN FRANCE
GALLERY GLASS LOUVRE
MUSEUM PARIS PYRAMID