

Sofia's Pyramid™

Build with Me

Creative
Project
Lesson

The Pyramid That Taught Me to Fly



Have students connect history, math, and culture, then build their own pyramid.

“Your pyramid doesn’t have to be perfect. It just has to be yours.”

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*Sofia is a composite, representative character.

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The Pyramid That Taught Me to Fly

In this lesson, students explore how history, math, and culture connect through pyramid design. They will learn about the Maya, uncover patterns in Chichén Itzá, and apply what they learn by building their own pyramid.

Learning Objectives

- Learn who Sofia is and why her story matters
- Identify how math, culture, and design connect
- Understand why the Maya built pyramids
- Recognize patterns in pyramid structure
- Build and explain their own pyramid



Step 1 Meet Sofia



Sofia is a 10 year old girl from Oaxaca, Mexico. After learning about the Maya pyramid at Chichén Itzá, she decided to build one of her own.

Step 2 Discover the Pattern

The Maya built pyramids with meaning and structure. At the Maya Pyramid Chichén Itzá:

91 steps on each side
x 4 sides = 364
+ 1 top platform = 365



This matches the number of days in a year. Twice a year, sunlight creates a shadow in the shape of the feathered serpent Kukulcán on the pyramid steps.

Step 3 Build Your Pyramid

Create your own pyramid using any materials including mud, paper, cardboard, recyclables, LEGO, sugar-cubes, or anything you have available.

Your pyramid should:

- Have a wide base and smaller top
- Include 3-9 layers
- Have steps on at least one side
- Include something special on top.



You can build, draw, or design your pyramid digitally.

Step 4 Record & Share Your Story

Tell your 30-second story:

"Hi, I'm _____

I built my pyramid using _____

I put _____ on top because _____

Now I feel like I can fly."

When you share your story it helps someone else believe in theirs. **Share your video, picture, or story at:**

[Sopiaspyramid.com/submit](https://sopiaspyramid.com/submit)

Reflection & Completion

Review what you learned and complete your project.

Use this page to review what you learned, think through your work, and complete your project.

Reflection

Use what you learned in this lesson to answer each question.

What did you learn about pyramids?

What pattern did you notice?

What makes your pyramid unique?

Completion

When you finish your pyramid and share your work, you can submit it to receive a Certificate of Completion. This is a great way to keep a record of what you've accomplished.

When you share your story it helps someone else believe in theirs. Share your video, picture, or story at:

[Sofiaspyramid.com/submit](https://sofiaspyramid.com/submit)

[Sofiaspyramid.com/certificate](https://sofiaspyramid.com/certificate)



Build, record, share!

#SofiasPyramid