



LEARNING PLAN OVERVIEW

UNIT 4: LESSON 3
GRADE 4+

LEARNING GOAL

I can review 2D shapes and learn 3D shapes in Spanish by comparing flat shapes to solid shapes in the real world.

COMMON CORE CONNECTION

Vocabulary Acquisition and Use

Sort common objects into categories to gain a sense of the concepts the categories represent.

LEARNING FLOW

- Prior to the start of class, write the learning goal on the board, and open **Las Formas (Part 2)** Learning Page. Greet students, point to the learning goal on the board, read it aloud, and have students repeat the goal after you. Ask students: Who remembers *las formas* (shapes) in Spanish? Tell student volunteers they have to point to something in the classroom that represents the shape and then say the shape in Spanish.
- Next, ask students: How would you describe the shapes in Minecraft or Roblox. What makes these shapes 3D and not flat, two-dimensional? [ANSWERS: height, length, and depth]. *Some students might say that the shapes in those games are flat because they are viewing them on a flat screen, please provide clarity, however, this will be discussed in the Teacher Time Video.
- Say: Now, let's learn to identify 3D shapes Spanish. Play Teacher Time Video. Encourage students to repeat the shapes in Spanish as prompted.
- Distribute Lesson 2 Worksheets (Page 1 and 2) to students and crayons/colored pencils. Display the worksheet on the board as you read and model the instructions. Allow students to work independently to complete it. *You may elect to complete Page 2 together via guided learning.
- **ANSWER KEY (PAGE 2): 1. 5 faces; 2. 8 vertices; 3. 2 faces; 4. 0 vertices; 5. 3 sides; 24 designs**
- Afterwards, have students access Las Formas (Part 2) Learning Page on Spanishswag.com and complete the Game Time Activities independently or you may elect to play the games together as a class.
- **Bonus Activity: Create Your Own Cubo! - Ideally prior to the start of this activity, if you can cut and paste one cube together to serve as an exemplar when explaining the instructions that would be ideal. Or you can model for students how to create it at the start of the activity. Be sure to remind students to make their designs first before assembling the cube together.**



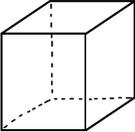
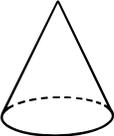
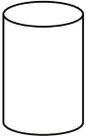
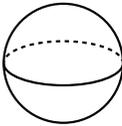
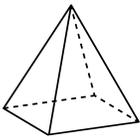


Los formas

The Shapes in Spanish

Write the names of each 3D shape in Spanish.
Then, write at least one object in real life that represents each shape. Then color in the shape.

What 3D shape does a box of cereal look like?
What 3D shape does a can of soup represent?

	la forma 3D	real life object
	el cubo	
	el cono	
	el cilindro	
	la esfera	
	la pirámide	
	el prisma *el prisma rectangular	



Los formas

The Shapes in Spanish

Answer the questions about 3D shapes. Then complete the real-world math challenge to test your knowledge!

Can you find a shape in the sky that looks like a sphere? Does it have corners or flat sides?

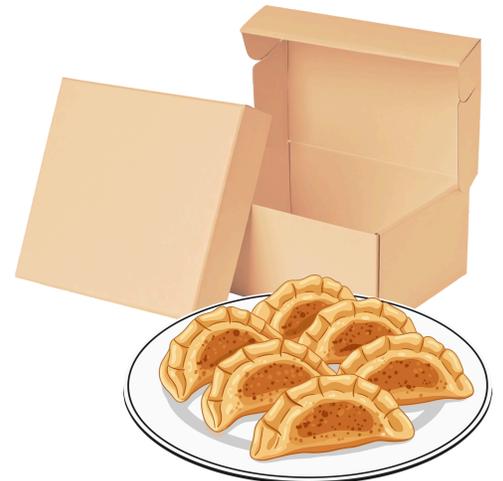
1. How many faces or sides does la pirámide have? _____
2. How many vertices does el cubo have? _____
3. How many faces does el cono have? _____
4. How many vertices does la esfera have? _____
5. How many sides does el cilindro have? _____

Mrs. Lopez made fresh empanadas for each of her son's teachers. She packs them in small boxes shaped like cubes. Her son wants to decorate the boxes by putting a different design on each face of every box.

- Each cube has 6 faces
- He has 4 teachers, so he needs 4 cube-shaped boxes

Question:

How many total different designs does Mrs. Lopez's son need to make?





Las formas

3D Shapes in Spanish

What design do you want to create on each of the sides or faces of the cube? Do you want them to be the same or different on each side?

Now it's time to create your own cubo! Make a design on each side/face. Cut around the shape and fold along the lines. Then glue the tabs to create a cube.

