

ZAMASAMA PRESENTS

A Guide for Teachers and Parents



Written by Ramya Pai

Illustrated by Sunaina Coelho

THEMES

STEAM

Observation & Discovery

Sibling Bond

Learning Through Play

Real-life Applications of Classroom Knowledge

LEARNING OUTCOME

Children will:

- Recognize different types of angles and geometric shapes in everyday surroundings
- Understand that math can be playful, creative, and part of daily life
- Learn basic spatial concepts such as right angles and triangle shapes
- Strengthen observation skills by identifying patterns and shapes in their environment
- Appreciate that learning can happen outside traditional settings like classrooms

LESSON PLAN

This lesson encourages children to explore geometry in the world around them. It includes a read-aloud session followed by a shape hunt and hands-on activities to reinforce spatial understanding.

Discussion Questions

Before Reading:

- Have you ever done homework you thought would be boring but ended up enjoying?
- What do you know about angles or shapes like triangles or squares?
- Where do you think we can find angles outside the classroom?

During Reading:

- Ask students to point out objects in the illustrations that show angles.
- Pause when Fatima identifies an angle at the beach—ask: Can you spot it too?
- Have students guess what type of angle it might be (right angle, acute, obtuse).

After Reading:

- What made Fatima realize that angles can be fun to learn?
- What different angles did she find at the beach?
- Why do you think her brother Savio was important in helping her learn?
- What are some places around your house or school where you might find angles?

Activities:

- Angle Hunt: Give children a sheet with pictures or a checklist to find angles in their classroom, playground, or home.
- Build-a-Shape: Using ice cream sticks or straws, have children build triangles, squares, and rectangles and identify the angles.
- Beach Scene Drawing: Ask students to draw a beach and include objects showing right angles and triangles (e.g., a beach umbrella, a folded towel, waves).

RELEVANT ZAMASAMA STORIES

- [Sailing Ships and Sinking Spoons](#) – real-life science from everyday objects
- [Ammachi's Incredible Investigation](#) – observation and deduction
- [Keara's Kite](#) – discovering physics and flight through play

RELEVANT SDGS

Applicable SDGs:

- SDG 4: Quality Education
- SDG 5: Gender Equality

SDG Explanation

- SDG 4: The story emphasizes joyful learning and applies math concepts to the real world, encouraging foundational numeracy and curiosity.
- SDG 5: Fatima, a young girl, is shown engaging confidently with a STEAM subject, promoting gender inclusivity in learning environments.

EXPECTED OUTCOMES

Children will become more confident in identifying shapes and angles in real life. They'll develop an early love for math by associating it with play and creativity, reinforcing that learning doesn't only happen at desks but everywhere in the world around them.

ABOUT ZAMASAMA

Zamasama is a nonprofit platform that brings together stories from around the world to help children discover that beneath our differences—of culture, language, or belief—we share the same hopes, joys, and dreams.

Today's children are tomorrow's citizens, and the responsibility of building a more peaceful, tolerant, and empathetic world lies with them.

That's why it's vital to instill these values early—through stories that help them rise above the biases they inherit, and see diversity as a strength that unites us all.