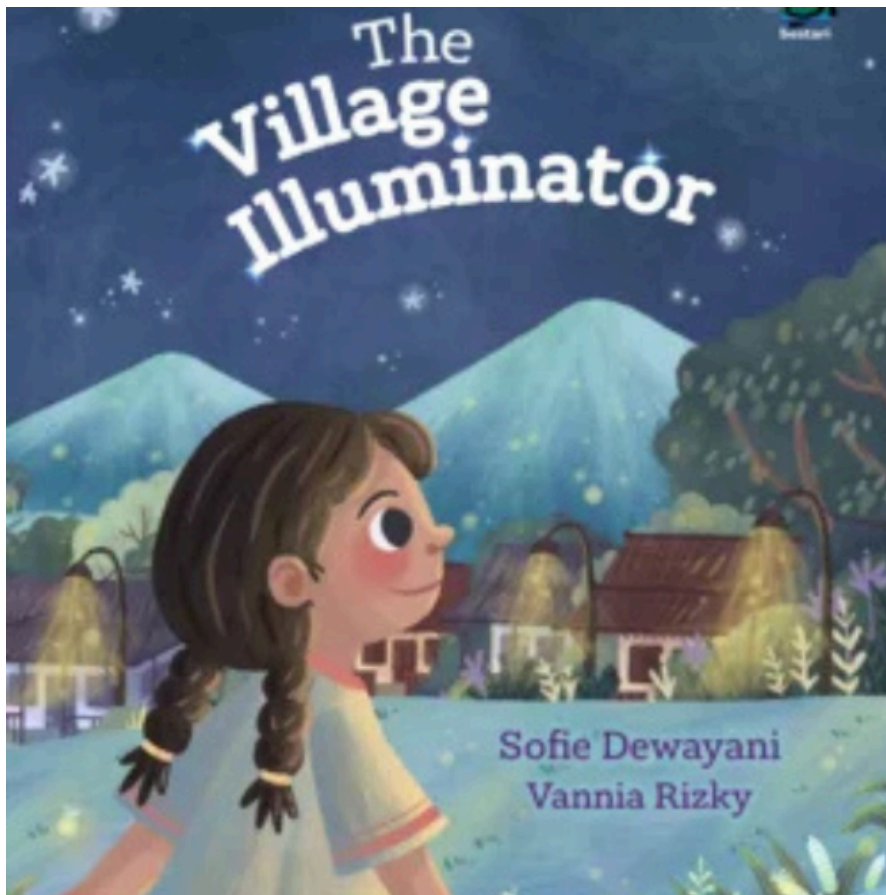


ZAMASAMA PRESENTS

A Guide for Teachers and Parents



Written by Sofie Dewayani
Illustrated by Vannia Santoso

THEMES

Renewable energy

Cause and effect

Empowerment through clean technology

Sustainable development

Women in science and innovation

LEARNING OUTCOME

By the end of this lesson, children will:

- Understand the importance of renewable energy in daily life.
- Learn how sustainable solutions can empower entire communities.
- Be introduced to real-world changemakers like Tri Mumpuni.
- Reflect on their own ideas for improving life in their surroundings.
- Understand the importance of conserving energy and how to do so.

LESSON PLAN

This story is a powerful gateway to teaching environmental science and gender empowerment. It blends engineering with empathy, showing how innovation can uplift communities. It also introduces solar energy and teaches why using less electricity helps the planet.

Discussion Questions

Before Reading:

- What do you use electricity for every day?
- What happens in places without electricity?
- Why should we save electricity?

During Reading:

- How did Tri Mumpuni help the villagers?
- What did the villagers do to support the project?
- How did electricity change their lives?
- What is solar energy and why is it helpful?

After Reading:

- Why is clean energy better for the environment?
- What kind of power could your school or home use?
- What can you do to conserve energy at home and school?

Activities:

- Build a Simple Circuit: Let students light a bulb using a battery to understand electricity.
- Make a simple solar energy device . Alternatively, charge a small solar charged lamp outside the classroom. Compare the benefits
- Power Map: Research how homes in different parts of the world get their energy.
- Hero Poster: Create a poster celebrating Tri Mumpuni or other green innovators.
- Save Energy Chart: Track ways students can save electricity each day (e.g., turning off lights, unplugging chargers).

RECOMMENDED ZAMASAMA BOOKS

- [The Electronic Waste Hero](#)
- [Luftan and Monsters](#)
- [The River Warrior](#)
- [A Tiny Seed](#)
- [Bye-Bye Plastic Bags](#)
- [Jadav and the Tree Place](#)

RELEVANT SDGS

- SDG 7 – Affordable and Clean Energy
- SDG 13 – Climate Action

SDG Explanation

- SDG 7: The story highlights the need for energy access that is both clean and equitable. Solar and micro-hydro power are renewable sources that help communities grow sustainably.
- SDG 13: Clean energy solutions reduce carbon emissions and build climate resilience in communities.

EXPECTED OUTCOMES

Students will gain an early appreciation for sustainable energy and community development, and understand that change begins with ideas and action—even from kids. They will also learn how conserving energy at home and school can help reduce harm to the planet.

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.