

### **AUTHOR:**

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### **ILLUSTRATOR:**

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This rhythmic story is about a superhero who inspires the people of a lazy town to clean it up, recycle, and transform into a green community.

Ages: 4 to 8 years

### **ATOS Reading Level:**

3.7

Lexile: 640L

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# Early Math Project

## **Michael Recycle**

Can Michael Recycle get the people to clean up the town?

**What is STEAM?** Learning through Science, Technology, Engineering, the Arts, and Mathematics. Through STEAM, children problem solve, innovate, create, and collaborate.

**STEAM Topics in this Book:** environment, recycling, conservation, problem-solving, community collaboration

### **Activities To Do Together:**

Michael Recycle helps children understand the importance of recycling and taking care of their neighborhood. This helps develop a sense of responsibility and community awareness, fostering empathy and problem-solving abilities.

Before reading the book:

- Show your child the book cover and ask them what they think the story might be about based on the picture. Why do they think the boy on the cover is wearing a cape?
- Talk with your child about what it means to recycle. Discuss the trash that you've thrown away today. Could any of the items have been recycled?
- Ask your child what they think would happen if no one ever picked up the trash in their home or neighborhood.

While reading the book:

- Draw attention to the pictures throughout the story and ask your child what they notice about the town.
- Ask your child how they think the characters feel. How does Michael feel when he sees the dirty town? How do the townspeople feel after cleaning up? Why do you think so?
- Since the story is told in rhyme, have your child guess the next rhyming word or phrase.

When you have finished reading the book:

- Go on a mini scavenger hunt to identify items that can be recycled (like paper, plastic bottles, and cans).
- Take a short walk outside to pick up litter and discuss how it helps the environment, just like in the story.
- Encourage your child to create their own superhero story about cleaning up trash and recycling.
- Research together how recycling helps humans, wildlife, and the environment.

### **Questions for STEAM Thinking:**

- 1. What ideas do you have to help keep our home or neighborhood clean?
- 2. What does our neighborhood look like? Is it clean, or do you see any litter?
- 3. If we all recycled and cleaned up, how do you think it would change our home or neighborhood?
- 4. Why do you think it's important to take care of our Earth?

### **Early Math Project Resources:**

Visit Michael Recycle (countplayexplore.org/book/michael-recycle) to find activities and related California Learning Foundations, Mathematics Standards, and/or Next Generation Science Standards for this book.



### **Vocabulary**

**STEAM words found in the story:** garbage, litter, plastic, recycle

Related STEAM words: aluminum, landfill, pollution

Words to build reading comprehension: colander, crusader, hazy, silhouette, soared, superhero, vanish

**Spanish Title:**Capitan Verdeman:
superheroe del reciclaje

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**Related Books:** Earth Day - Hooray! by Stuart J. Murphy

Click this link to the World Catalog or enter bit.ly/3UqGTkP to find Michael Recycle in the public library.

