



The Enchantress of Number

READ ALOUD GUIDE

Themes: Mathematics, Innovation, Breaking Barriers

Book Brief: The fascinating true story of Ada Lovelace, a girl who loved numbers and became the world's first computer programmer!

Author:
Storytime

Illustrator:
Flavia Sorrentino

BEFORE READING

The Cover: Ask students to make a prediction about the story based on the cover and title.

The Pictures: Take a quick picture walk and ask students what they notice about the illustrations.

Prior Knowledge: Ask, "What do you like about math? What can we do with numbers?" Explain to students that this story is about real events, but it is told like a story with characters, a setting, and events in order.

Vocabulary: Frontload Tier 2 words using the accompanying Vocabulary Guide.

Purpose for Reading: "As we read, think about the main idea of Ada's story and the important lesson we can learn from her life."



Think Aloud: "I'm thinking about the main idea of this story. Ada loved numbers and mathematics, and she used her skills in creative ways that no one had thought of before. The main idea is that when we follow our passions and think creatively, we can invent new and important things."

DURING READING

Check for understanding & make connections:

- What is Ada interested in as a young girl?
- How does Ada use her love of numbers?
- What makes Ada's work special and important?
- What challenges does Ada face?

AFTER READING

Our Purpose: "What is the main idea of Ada's story? What important lesson can we learn from her love of numbers and her creativity?"

Extending Our Thinking: Ask students, "What subject or activity do you love? How could you use it in a creative way?" Encourage students to think about something they're good at or interested in and imagine one creative way they could use that skill. Students can draw or write about their idea. For example, "I love drawing, so I could create a comic book to teach others about animals" or "I'm good at building, so I could design a better playground." Students share their creative ideas with the class.

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- Encourage them to continue to discuss it and refer to it in other lessons and conversations.
- Let them explore more about the topic by reading other books with similar themes, structure, characters, or content.