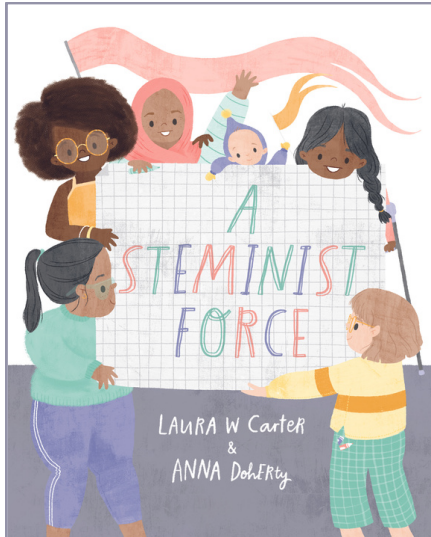


TEACHER'S GUIDE



A STEMINIST FORCE

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Ages 3-7
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ABOUT THE BOOK

Written in rhyme with young girls in mind, *A Steminist Force* is a rallying cry of rhythmic prose that celebrates female contributions in STEM fields across the world and throughout history. From mathematicians to meteorologists, from architects to astronauts, this book celebrates pioneering women's contributions to STEM fields across the world.

With backmatter detailing each woman's individual contributions to her field, this colorful picture book is the perfect classroom or living room tool to introduce children to remarkable women in STEM history and to encourage girls (and boys!) to continue exploring STEM subjects in their own education.

DISCUSSION QUESTIONS

- Which career sounds MOST interesting?
- Which career sounds the LEAST interesting?
- Which of the women would you like to learn more about?
- Do you know anyone who has a STEM career?
- What do you want to be when you grow up?
- What other STEM jobs can you think of that were not mentioned in the book?

THEMES

- Career Options
- Women's History
- Science
- Technology
- Engineering
- Math
- Diversity

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A STEMINIST FORCE CAREER DOLLS LESSON PLAN

Grades PK-2

Part 1: Before you read

Ask students if they know what STEM means. If they don't, encourage them to guess what each letter stands for. Then, tell them STEM is an acronym for science, technology, engineering, and math. Once they understand STEM, introduce them to the book, A STEMINIST FORCE. Tell them the word "STEMinist" is a blend of the words STEM and FEMINIST. A feminist is someone who supports women's rights. Explain that A STEMINIST FORCE celebrates women trailblazers, or leaders, in different STEM fields across the world.

Part 2: As you read

Read A STEMINIST FORCE to the class. While you're reading, encourage students to think about the careers mentioned in the book, as well as the women. Review the backmatter at the end, and see if students can find pictures of the women mentioned in the backmatter on the spreads of the book.

Part 3: After you read

Next, ask students if there was one particular career in the book that seems MOST interesting and/or LEAST interesting to them. Encourage them to explain their answers - why does something seem interesting? Why does something seem boring? Based on their answers, ask students to choose the career that most interests them.

Grades 1-2 Supplement: Ask students to answer questions about the career on the student worksheet. Encourage older students to research the career on their own for more in-depth responses. Questions include:

- What makes me interested in this career?
- What activities would I do each day if I had this job?
- Who would I help if I had this job?
- What would I wear to work if I had this job?
- What tools would I need for this career?

Part 4: Artistic Reflection

Give each student a copy of the paper doll outline. Based on the career they've chosen, have students "dress" their paper doll in the clothing that they'd need to wear to do that job. Students can either color the outfit inside of the paper doll OR use construction paper to cut out clothes and glue onto their doll's outline. Encourage students to envision themselves in that career and to draw their own face on the doll. Students can also draw the tools they would need or the background setting in which they would work.

Part 5: Presentation

Have students present their career and their doll to their classmates.

Student Name: _____

MY CAREER RESEARCH

1. The career I chose is _____

2. What makes me interested in this career? _____

3. What activities would I do each day if I had this job? _____

4. Who would I help if I had this job? _____

5. What would I wear to work if I had this job? _____

6. What tools would I need for this career? _____

My STEM Career

My name is _____

I am a _____

