

HOME EXTENSION ACTIVITIES



Extension 1- Reader Response

Materials:

Paper

Pencil

Crayons, Markers, Color Pencils or Paint

Props for acting out

OR NOTHING--You can act it out or talk about it without any materials.

Learning Targets:

I can write about my connection to the story.

I can write to tell my thoughts about the story.

★To start:

Reading Response Task Card

We just finished reading the book, “Rosie Revere Engineer”
It’s time for you to respond to what you have read.

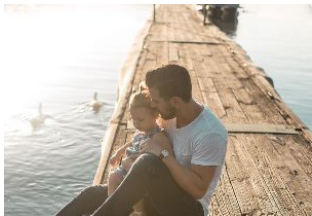
You have two choices to respond to:

1. In the beginning of the book, why do you think Rosie hid all the machines and inventions she created?
2. Why was Rosie shy about talking about her inventions? What was your favorite invention of Rosie's?
3. Have you ever had an idea for something you wanted to invent?

(Questions from

<https://www.adl.org/sites/default/files/documents/assets/pdf/education-outreach/book-of-the-month-rosie-revere-engineer.pdf>)

TALKING



WRITING



DRAWING OR PAINTING



ACTING IT OUT OR PLAYING



OR Share your response by combining any of the ways above.

I can't want to see how you respond.
Give your response on paper before you talk, draw, or act it out.
I want to see both!



Extension 2 -Imagine and Draw/Write the Next Few Pages of the Book

Materials:

Paper

Pencil

Markers/Crayons/Color Pencils

Learning Targets:

I can write a different ending to the story.

I can draw (illustrate) to tell a story.

★To start:

1. Think about what happened at the end of the book.
 - Rosie's Great-Great-Aunt Rose helped her with the next version of her airplane and then she and her classmates were pictured in school making things and cheering about their failures.
2. Think about what Rosie learned from her Aunt Rose? What kind of "gadgets and gizmos" were her classmates making? Why did they cheer for their failures and what do you think they might do next?
3. Imagine what would happen if the book continued for a few more pages.
4. Imagine the next scene in the book. Write a new ending and illustrate using the style of the illustrator as much as possible.
5. Share your pictures/written endings with MEF by posting on their Facebook.

Lesson adapted from:

<https://www.adl.org/sites/default/files/documents/assets/pdf/education-outreach/book-of-the-month-rosie-revere-engineer.pdf>



Extension 3 - More about Rosie the Riveter

Materials:

No materials needed- just you and a discussion partner if you would like to talk through the questions in this activity.

Learning Targets:

I can think about the past, history.

I can make my own connections to events that have happened in the past.

★To start:

1. On page 32 of "Rosie the Engineer" there is a HISTORICAL NOTE that says:
 - "During World War II, millions of women in the UNited States, the United Kingdom, Australia, Canada, New Zealand, the Soviet Union, and other allied nations worked to provide the food and equipment needed for the war effort. Some worked on farms to grow food for the troops. Others built ships, airplanes, tanks, and jeeps. With the help of many women, American factories produced more than three hundred thousand aircraft, eighty-six thousand tanks, and two million army trucks during the war. In the United States, these tanks, and two million army trucks during the war. In the United States, these women were represented by Rosie the Riveter, the scarf-wearing fictional character whose slogan was "We can do it!"
 - i. Beaty, Andrea. *Rosie Revere, Engineer*. Abrams, 2013.

2. Did you know that before World War II (more than 75 years ago) as men were called to serve in the war, women entered the workforce doing a variety of jobs including making airplanes and ships for the war effort? In fact, the aviation industry saw the greatest increase in female workers; more than 310,000 women worked in the profession in 1943, representing 65% of the total workforce. This was a big shift because before World War II many women did not have professions outside the home and not in those industries. Rosie the Riveter was a symbol that represented American women who worked in this industry as well as factories and shipyards during World War II and she is also the inspiration for the character in Rosie Revere, Engineer.
3. Discuss the following questions with a friend or family member.
 - What do you think life was like for women during that time?
 - How do you think the women felt about having those jobs?
 - What does the symbol Rosie the Riveter mean to you?

Lesson adapted from:

<https://www.adl.org/sites/default/files/documents/assets/pdf/education-outreach/book-of-the-month-rosie-revere-engineer.pdf>



Extension 4 - Invent Something (MakerSpace at Home)

Materials:

Device with internet access

and/or paper, pencil

and/or you might need some of the following.

- Choose what you would like to make. (see “here” in number 1 after “To start:”)

Toilet paper rolls Tape Glue Paper Markers/paint	Playdough Beads Toothpicks Glitter Cookie cutters Plastic knife, fork, spoon	Glue paint Things found in nature: Sticks Acorns Flowers Grass Rocks	legos	Rocks paint
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Learning Targets:

I can create and make.

I can make changes to my work to make it better.

I can continue making and creating even when I make a mistake.

★To start:

1. **Rosie is a maker, a creator, an engineer. Take a look at the resources and activities [here](#).**
2. **Parents/guardians, there are prompts in the first page for you to use to talk with your child about their work.**
3. **We want to see your sketches and/or designs. Share what you created with MEF.**

Lesson adapted from:

<https://www.adl.org/sites/default/files/documents/assets/pdf/education-outreach/book-of-the-month-rosie-revere-engineer.pdf>

- MakerSpace resources linked as (here) in #1 designed by Kayla Franklin and linked to resources.



If you enjoyed *Rosie Revere Engineer* by Andrea Beaty, check out these books on MyOn!

www.myon.com/school/montgomeryreads

Username: read

Password: read

Title	Author
<i>When Amelia Earhart Built a Roller Coaster</i>	Mark Weakland
<i>Mae Jemison</i>	Luke Colins
<i>S.M.A.R.T.S. and the Invisible Robot</i>	Melinda Metz
<i>The Women Behind Rosie the Riveter: Working for the U.S. War Effort</i>	Pamela Dell
<i>Amazing Human Feats of Engineering</i>	Matt Scheff
<i>Exciting Engineering Activities</i>	Angie Smibert
<i>Max and Zoe: The Science Fair</i>	Shelley Seteran
<i>Marie Curie</i>	Erin Edison
<i>Marie Curie and Radioactivity</i>	Connie Colwell Miller
<i>Marie Curie: Physicist and Chemist</i>	Lisa M. Bolt Simons
<i>Mad Margaret Experiments with the Scientific Method</i>	Eric Braun
<i>Sally Ride</i>	Erin Edison
<i>Sally Ride and the Shuttle Missions</i>	Andrew Langley
<i>Maria Mitchell</i>	Anna Butzer
<i>Move It! Work It!: A Song About Simple Machines</i>	Laura Purdie Salas