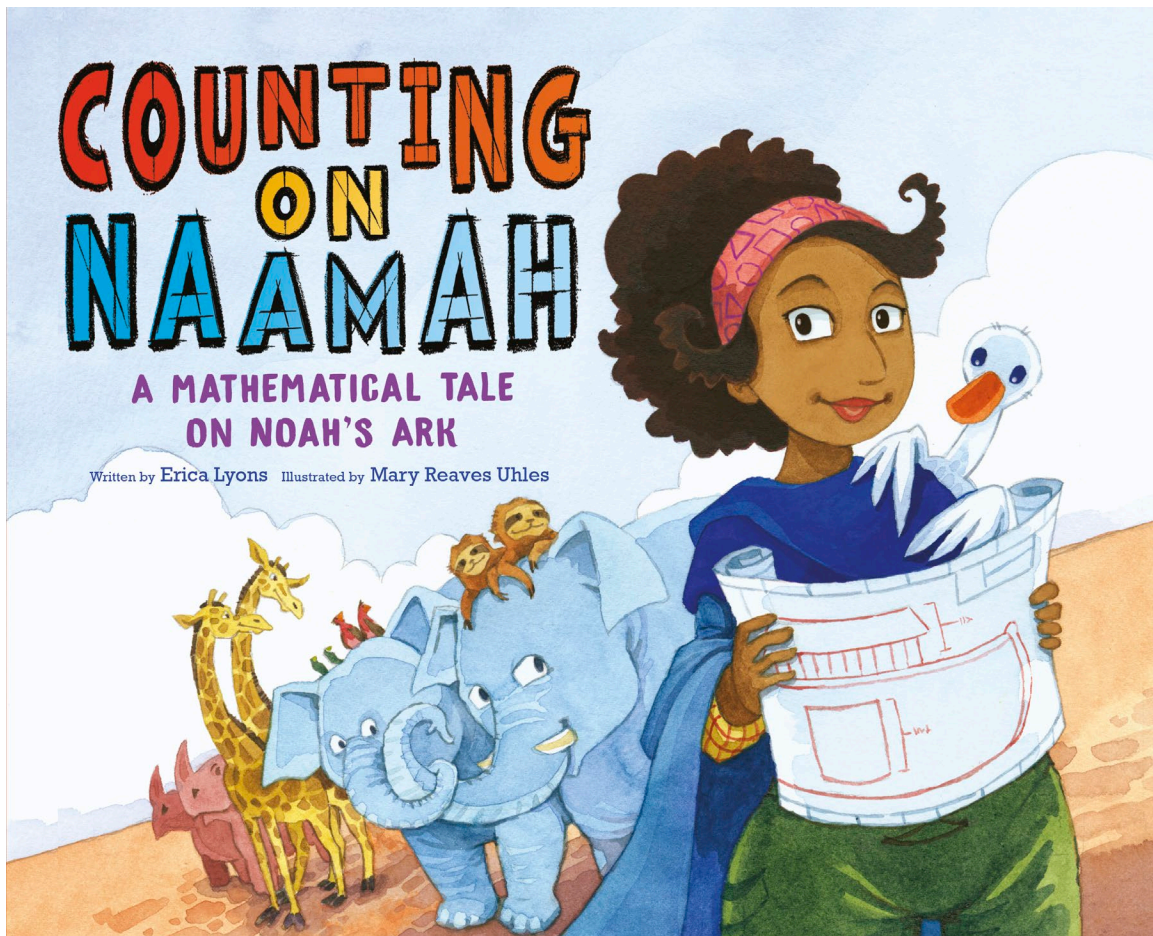


A **MATH Focused** Teacher's Guide for
Counting on Naamah:
A Mathematical Tale on Noah's Ark

written by Erica Lyons
illustrated by Mary Reaves Uhles



Counting on Naamah Text © Erica Lyons 2023 Illustrations © Mary Reaves Uhles;
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Praise for *Counting on Naamah*

“a clever... tale that focuses on Naamah, Noah's wife, and her talents as a mathematician.”

—Jewish Books for Kids

Story Summary

Rosie Revere Engineer meets Noah's Ark!

What if Naamah, Noah's wife, was actually a math and engineering whiz?

Watch Naamah from the time she is a baby and a young girl, show off her talent for math and engineering, creating Biblical inventions like you've never seen before!



As a young woman, Naamah meets Noah (who liked numbers, especially in multiples of two). Naamah and Noah make a pair that can't be divided.

But then God tells Noah to build an ark. Everyone thinks that Noah was responsible for the ark, but **COUNTING ON NAAMAH** tells a different story.

Noah does the basic building. But who's in charge of the food, the animal room arrangements and everything else?

Naamah, of course!

And when the ark sets sail and the animals get restless, Naamah comes up with a solution no one could have imagined—a **DECK-athlon!**

Enjoy this fun, zany, and girl-powered take on the traditional Noah's Ark story!

About the Author



With five children and two cats, Erica Lyons sometimes feels like she's living on the ark. On land, she's the chair of the Hong Kong Jewish Historical Society and is the Hong Kong Delegate to World Jewish Congress. She's also the founder/director of PJ Library Hong Kong and the author of several books for children.

About the Illustrator



Mary Reaves Uhles has illustrated *Let's Pop, Pop, Popcorn!*; *A Tuba Christmas*; *The Twelve Days of Christmas in Tennessee*; *The Little Kids' Table*; the Choose Your Own Adventure Series, *Beyond the Grave*; and the poetry collection *Kooky Crumbs* by Poet Laureate J. Patrick Lewis. Twice awarded the Grand Prize for Illustration from the SCBWI Midsouth Conference and a finalist in the 2014 Bologna Book Fair Gallery in Bologna, Italy, Mary serves as Illustrator Coordinator for the Society of Children's Book Writers and Illustrators. She lives with her family in Nashville, Tennessee. Find her at www.maryuhles.com

POSSIBLE MATH CHALLENGES:

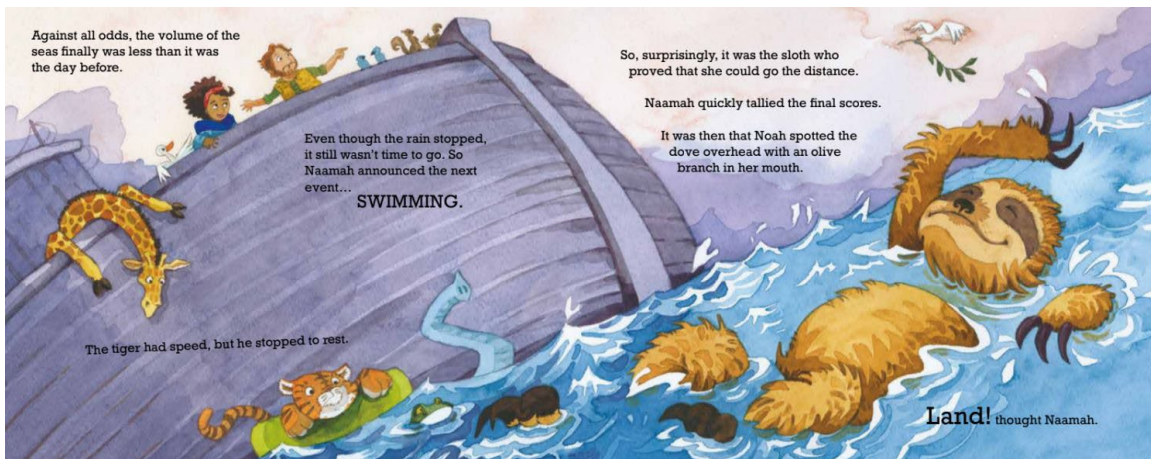
Read the picture book, **COUNTING ON NAAMAH: A MATHEMATICAL TALE ON NOAH'S ARK**, to your students before introducing the following challenges.

Note: Please choose whichever challenges work best for your students' grade and math abilities.

MATH VOCABULARY:

Challenge: How many math vocabulary words can you and your class find as you listen to **COUNTING ON NAAMAH**?

Double Challenge: How many of those math vocabulary words can you and your class define?

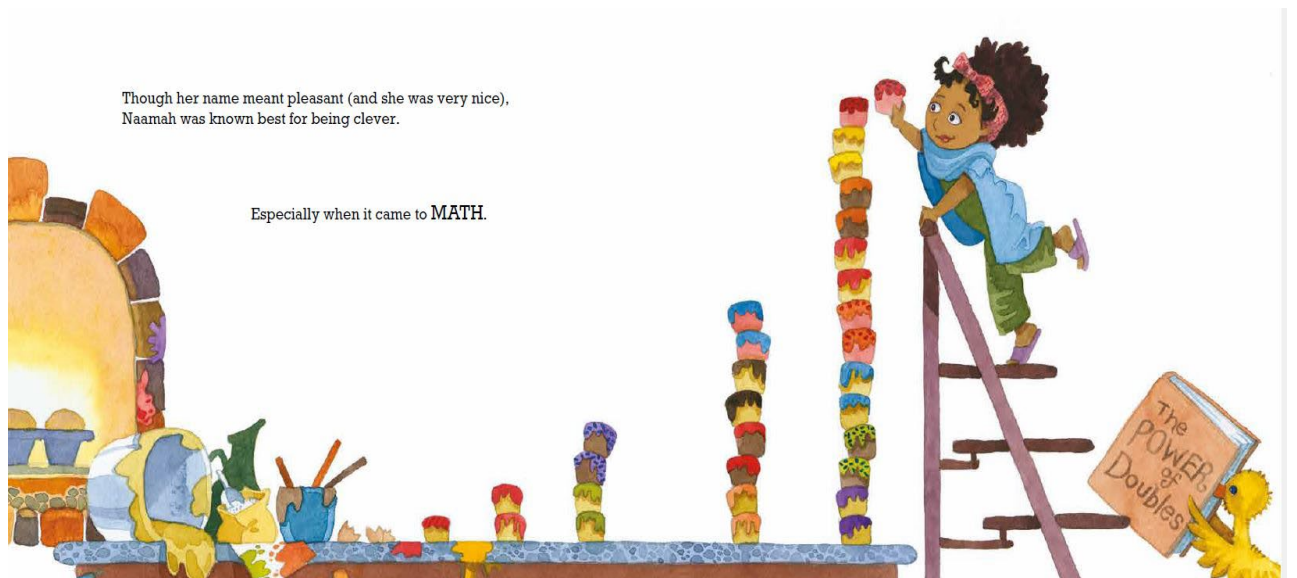


DOUBLES:

Examine the doubles illustration with young Naamah and the cupcakes.

Discuss how doubles work.

Decide what you and your students would like to double.
Is it cupcakes? Another food? Paint Brushes? Elephants? Or something else you choose?



MAKING CHANGE:

Pretend you and your students are helping Naamah and her brother to sell musical instruments.

Label different instruments as various prices and let your students practice making change.

Example: A Lyre costs 1.85. If another student pays \$2, how much change will Naamah return?

DESERT BLUEPRINTS:

Brainstorm with your students what engineering inventions they would have liked to create if they were Naamah.

Invite students to draw plans for their own ancient (or modern) engineering inventions!

Please share them with us at www.IntergalacticAfikoman.com



PERMUTATIONS:

An Ark Arranging Challenge!

Take post-its, just like Naamah, and work with your students to develop your own best arrangement for the animals on the ark.

Think carefully about your rationale for which animals go (or don't go!) where.

Please share it with us at www.IntergalacticAfikoman.com

