Math Talk During Reading

TALK ABOUT THE JOY OF KATHERINE’S WORK
Why do you think Katherine enjoyed working on math problems, even though they were often very hard?

TALK ABOUT MOTIVATION
Have you been blocked from doing something you really wanted to do? How did you react?

TALK ABOUT SCHOOL DISCRIMINATION
In Katherine’s time, Black children were not allowed to go to school with White children in the United States. How do you think the Black children felt about this? How do you think the White children felt?

TALK ABOUT JOB LIMITATIONS FOR WOMEN
Discuss how many women had (and still have) difficulty going into certain professions. “Do you know of any women who are not teachers or nurses? What do they do?”

Try to come up with some of your own questions and comments, too!

Activity After Reading

EXPLORE INFORMATION ON WOMEN MATHEMATICIANS
Check out these sites:
https://www.womendomath.org/profiles/
https://www.lathisms.org/calendars/calendar-2021
https://mathematicallygiftedandBlack.com/
PreK WINNERS:
Baby Goes to Market by Atinuke
Crash! Boom! A Math Tale by Robie H. Harris
Have You Seen My Dragon? by Steve Light
Lia & Luis: Who Has More? by Ana Crespo
One Fox: A Counting Book Thriller by Kate Read
ONE Very Big Bear by Alice Brière-Haquet
8: An Animal Alphabet by Elisha Cooper

PreK HONOR TITLES:
Animal Shapes by Christopher Silas Neal
Count the Monkeys by Mac Barnett
Count with Maisy, Cheep, Cheep, Cheep! by Lucy Cousins
Goodnight, Numbers by Danica McKellar
I Know Numbers by Taro Gomi
A Mousy Mess by Laura Driscoll
One Happy Tiger by Catherine Rayner
One is a Piñata: A Book of Numbers by Roseanne Greenfield Thong
Over in a River: Flowing Out to the Sea by Marianne Berkes
Press Here by Hervé Tullet
Round by Joyce Sidman
100 Bugs! A Counting Book by Kate Narita

GRADES K-2 WINNERS:
Absolutely One Thing: Featuring Charlie and Lola by Lauren Child
The Animals Would Not Sleep by Sara Levine
Max’s Math by Kate Bank
Nothing Stopped Sophie: The Story of Unshakable Mathematician Sophie Germain by Cheryl Bardoe
One Big Pair of Underwear by Laura Gehl
Pigeon Math by Asia Citro
Sheep Won’t Sleep: Counting by 2s, 5s, and 10s by Judy Cox

GRADES K-2 HONOR TITLES:
Billions of Bricks: A Counting Book about Building by Kurt Cyrus
Bird Count by Susan Edwards Richmond
The Boy Who Loved Math by Deborah Heiligman
Cao Chong Weighs an Elephant by Songju Ma Daemicke

HALL OF FAME TITLES:
Hippos Go Berserk! by Sandra Boynton
One Grain of Rice: A Mathematical Folktale by Demi
The Very Hungry Caterpillar by Eric Carle