



**Transcript for *Counting on Katherine: How Katherine Johnson Saved Apollo 13* (Henry Holt and Company)
Preview Video**

Preview (0:00 – 2:49)

Hi everyone! It's Colleen from the KU Natural History Museum, and I just want to remind you about tomorrow's Story Book Science. I'll be reading *Counting on Katherine: How Katherine Johnson Saved Apollo 13*. It's written by Helaine Becker, and it's illustrated by Dow Phumiruk, and it's published by Henry Holt and Company. We'll also be reading it with permission from Henry Holt and Company. So thank you so much to them for the permission to read this book!

I really love this book. I love reading about Katherine Johnson. She was amazing! She was a human computer. So she was able to do all different sorts of math equations in her head. She didn't have to use a machine to help her. Katherine did face a lot of adversity in her life, which means that there were a lot of challenges that she had to overcome. But she also changed the course of history, especially with NASA and many of their space missions. In fact, without Katherine, a lot of their space missions would have turned out very differently, just like Apollo 13! And we'll read about that in the story tomorrow.

Another thing that I really like about this book is reading about Katherine's love of math. She loved math! She loved counting! And I also love counting, because it helps me think about all of the ways that I use math in my everyday life. I count the number of birds that I see in the tree outside my home. I count the number of cups of flour that I put into recipes. So I use math every day, and this book helps remind me about that.

I also use math even when I don't realize that I'm using it or that it's influencing my everyday life. So for example, earlier today I was holding the book that we'll read tomorrow, and I dropped it. And when I dropped it, it fell to the ground, and it made a really loud noise.

Now what if I told you that the reason it fell could be explained using math? We'll talk about that tomorrow, but I will give you a hint: gravity.

So tomorrow we'll talk about gravity, and we'll talk about gravity as a force, and we'll talk about forces. And I'll also have a really fun demonstration for you that will help us understand gravity and what's going on.

So I hope you join me tomorrow for Story Book Science here on Facebook Live at 10am. Again, I'll be reading *Counting on Katherine: How Katherine Johnson Saved Apollo 13*. I'll see you then. Bye!