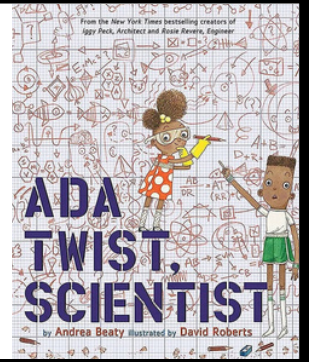# Ada Twist, Scientist
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Before Reading: Get Ready

Review the book synopsis with the student to confirm interest in reading the book. Share the title, author, and illustrator. Talk about the cover.

Activate comprehension and set a purpose for reading. This book is about a girl named Ada Twist who thinks and does a lot of things like scientists do. What do you already know about what scientists do? Because of some of the things Ada Twist does, she gets into some trouble! Let's read to see what Ada Twist does as a future scientist and what happens to her. As we are reading, we are going to stop and think to be sure what we are reading makes sense. That is what good readers like you do!

Introduce important vocabulary and ask your student to listen for these words during reading.

- **scientist**: A scientist is someone who studies things that happen in our world to understand why they happen and to figure out how things work. Scientists ask a lot of questions and conduct what we call experiments to learn about our world.
- **observe**: When you observe something, you look at it very carefully and closely. Ada Twist is very curious about and observes many things around her, just like scientists do!
- **chaos**: When there is chaos, things are not organized and feel out of control. We will read to see some of the chaos that Ada Twist causes!
- **aroma**: An aroma is a smell. In our book, Ada Twist is going to smell a pungent aroma, which means it is very strong! It does not smell good!
- **hypothesis**: When scientists make a hypothesis, they make a guess about what may happen and then design a test or experiment to see if their guess was right or wrong, or to see if they need to do another experiment!

During Reading: Read Together

Sit side-by-side to share the book. Follow the conversation prompts and invite your student to ask questions or comments connected to the text to ensure their comprehension.

- **After reading p. 12**: Let's stop and think about what we have read so far. What have we learned about Ada Twist? Were there any parts that you did not understand that we should talk about?
  - Help your student articulate what has happened so far in the book, including that, when Ada first started talking, she asked a lot of questions; that Ada's parents and teacher are letting her explore her world and be curious; and that she has the "traits" of a scientist (meaning that she has the characteristics of a scientist) like asking questions and trying to figure out how things work.

- **After reading p. 22**: Let's stop and think about what is happening now. I was confused by Ada's parents. I thought they were letting her be curious! When we are confused as readers, we need to stop and think, and sometimes re-read. What do you think is happening?
  - Prompt your student to explain how Ada's parents may have become frustrated by the mess that she made!

- **After finishing the book**: So, what is happening at the end of this book? What did it mean when the author said, "And someday…who knows?"
  - Support your student in understanding that Ada is probably going to continue to think and act like a scientist in the future.

NOTE: This book does not have page numbers. These conversation prompts will be marked in the book for your use.

After Reading: Discuss and Extend

After reading, briefly discuss the text and revisit vocabulary words to ensure your student understands the text. Extend the conversation with writing to give your student multiple opportunities to show understanding.

- **How did stopping and thinking when we read help us understand our book?** When you are reading and something does not make sense, what should you do?

- **Let's write to respond to this story.** (Choose a prompt for student response and copy the selected frame into your student's notebook.)
  - Ada Twist is like a scientist because she _____.
  - I act like a scientist when I _____.
  - Some of the questions I have about how the world works are _____ and _____ and _____.