

**AUTHOR:**

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Ada Twist was quiet until the age of three. Then she couldn't stop asking why, how, what, and when. Ada wants to know about everything around her and she uses science to figure it all out!

**Ages:** 5 to 8 years**ISBN:** 9781419721373**Copyright:** 2016**Spanish Title:** Ada magnífica, científica**Copyright:** 2018**ISBN:** 9138448849665**Also available in:**

Catalan, Chinese, and Dutch

**Related Books:**

*Sylvester and the Magic Pebble* by William Steig,  
*Rosie Revere, Engineer* by Andrea Beaty, *The Most Magnificent Thing* by Ashley Spires

# Ada Twist, Scientist

**What will Ada ask next?****Math Connections:**

Growth Mindset

Cause &amp; Effect

Problem Solving

**Activities To Do Together:**

- Talk about cause and effect. What does it mean. What is the effect if you shake a rattle? What might be the cause if you go outside and find that the sidewalk is wet?
- Estimate how many times you think Ada will ask a question throughout the book. While reading count how many times Ada asks a question
- Ask your child what they would like to know more about. Explore together.
- Cook together. Measure ingredients carefully. Talk about what would happen if you added a new ingredient. How would the recipe look, taste, or smell different? Try some ingredient substitutions and predict what will happen.

**Extension Questions:**

1. Why is it a good thing to think about a problem and talk about the problem before doing something to fix it?
2. Why can it be helpful to write something down?
3. Notice many times does Ada asks "why" throughout the book. How does this help her understand the world around her?
4. Did you spot any math in the book? If so what are some examples?

**Vocabulary for Building Math Concepts:**

all, bigger, count, four, more, once, three, two

**Early Math Project Resources:**What will happen to the seeds?: <https://bit.ly/3kCwpgt> (English)

Coming Soon (Spanish)

**Online Resources:**Teaching Guide: <https://bit.ly/39AdBZ1>

Science Experiment (Activity four will bring in measurements and science while having fun!):

<https://bit.ly/2W8rPgC>STEM activities at the Park: <https://bit.ly/3ESLLph>