






# SCIENCE & CHILDREN

## CONTENIDO

### VOLUME 48 No. 3, DECEMBER 2010

The symbol  identifies content related to this issue's focus:  
**POSING INVESTIGABLE QUESTIONS**

- 28  GRADES Prek - 1  
**Curiosity + Kindergarten = Future Scientists.**  
Teaching inquisitive young children how to ask good questions.  
*Jenny Sue Flannagan and Liesl Rockenbaugh.*
- 32  GRADES K - 4  
**A Quest to Improve.**  
Helping students learn how to pose investigable questions.  
*Azza Charkawy.*
- 36  GRADES 4 - 6  
**Personalized Inquiry**  
Help your students classify, generate, and answer questions based on their own interests or common materials.  
*Patricia Simpson.*
- 40  GRADES 3 - 5  
**Ready...Set...Go!**  
Fourth – grade students learn to identify testable questions by competing to “outfit a scientist” in a classroom relay race.  
*Erin E. Morgan and Laurel S. Hiebert.*
- 46  GRADES K - 2  
**Picture This!**  
First graders explore school grounds with cameras in search of science and wind up learning about how things rust.  
*Leslie Bradbury, Lisa Gross, Jeff Goodman, and William Straits.*
- 51 GRADES 4 - 5  
**People Behind the Science.**  
Using historical science stories to teach about scientists and how science works.  
*Jerrid Kruse and Sarah Borzo.*

## TEACHER RESOURCES

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- 18  **Teaching Through Trade Books**

Thought-Provoking Questions.

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**The Early Years.**

Investigable Questions.

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**Formative Assessment Probes.**

To Hypothesize or Not.

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**Science 101.**

How does rust form?

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Attending a Science Institute.

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Learning From the Spill.

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**Every Day Science Calendar.**

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Help your students understand that there are many types of questions, and then teach them to come up with their own! This issue makes questions, and the investigations that follow, come alive.

*Cover by Jeff Goodman. See the rest of his photograph in "Picture This!" on p. 46.*