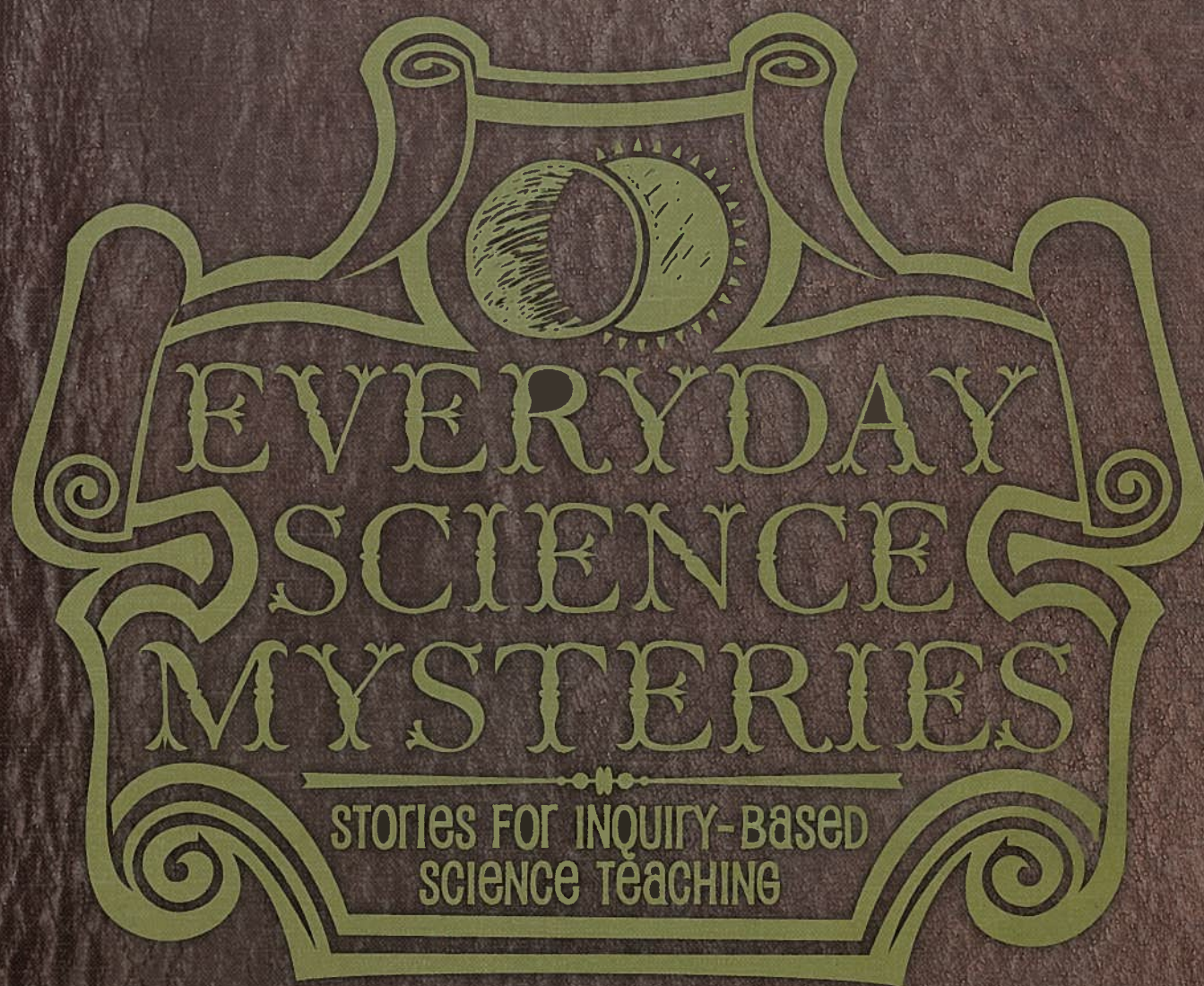




EVERYDAY SCIENCE MYSTERIES

STORIES FOR INQUIRY-BASED
SCIENCE TEACHING

Richard Konicek-Moran

EVERYDAY SCIENCE MYSTERIES

STORIES FOR INQUIRY-BASED
SCIENCE TEACHING

What causes condensation? Does temperature affect how well a balloon will fly? How do tiny bugs get into oatmeal? Through 15 mystery stories, this book memorably illustrates science concepts for students and reinforces the value of learning science through inquiry. Each mystery presents opportunities for students to create questions, form hypotheses, test their ideas, and come up with explanations. Focused on concepts such as periodic motion, thermodynamics, temperature and energy, and sound and sound transmission, these mysteries draw students into the stories by grounding them in experiences students are familiar with, providing them with a foundation for classroom discussion and inquiry.

"These stories are bound to reveal the wonderful ideas all students have, give them the confidence to explore their own thinking, and provide opportunities for them to 'do' science rather than have science 'done' to them."

—Page Keeley, NSTA President 2008–09

Grades K-8

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