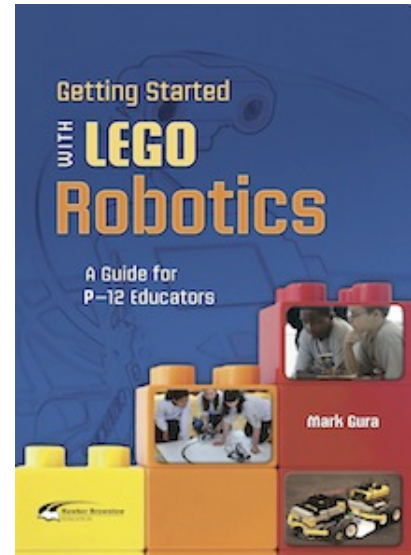


Getting Started With Lego Robotics: A Guide for P–12 Educators

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Date Available: 29 September 2011
ISBN: 978 1 74170 777 9
Code: IST7779
RRP: \$42.95
Format: 180x255, 244 pages
Age Group: P–12
Learning Area: Technology
Category: Curriculum



Summary:

Wouldn't it be nice if there was a golden ticket to STEM education? Something that incorporated science, technology, maths and, the most elusive of all, engineering? What if it could be applied as part of a lesson, as a class on its own or as an after-school club? Sound too good to be true? It's not. The golden ticket is robotics. It's hard to find a better way to teach STEM education. And the best part is it's hands on, multidisciplinary, collaborative, an authentic learning experience and engaging! LEGO Robotics has exploded in popularity, but despite the obvious benefits, many educators are hesitant to begin a program in their school because it seems challenging. Mark Gura has written this book to encourage you to give robotics a try.

Although starting a robotics program may seem like a daunting task, Gura brings together the information you need and presents it in a manageable, organised way so that you learn what LEGO Robotics is, what student activities look like, how to begin, how to manage a class and much more. Gura concludes with more than a dozen interviews with educators, trainers and even a student, so you can receive first-hand advice and recommendations. After reading this book you will be on your way to introducing your students to LEGO Robotics activities and competitions!

Related Resources:

- *STEM-CIP: Chip Off the Old Block (CUR5260)*
- *Getting the Most Out of Your Interactive Whiteboard (EYE9843)*
- *Media Literacy: Thinking Critically About Video Games and Virtual Worlds (WAL8600)*
- *Considerations on Technology and Teachers (IST9683)*

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