



Math Trek: Adventures in the Math Zone

By Ivars Peterson, Nancy Henderson

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There's a new amusement park in town. Come on in and find out all the exciting ways you can have fun with math in everyday life. Wander through the fractal forest, take a ride on the Möbius-strip roller coaster, and get dizzy learning about how math makes the Tilt-A-Whirl possible. The more activities you try, the more you'll learn how cool it can be to see the world through the eyes of a mathematician.

Once you've sampled some of the interesting and unique projects in Math Trek, from untangling unknots to winning games with weird dice to figuring out secret codes, you'll see that every trip to the MathZone is an exciting adventure!

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Editorial Review

From Library Journal

Grade 5-9-This is not your typical math puzzle book. Instead of calculator puzzles or multiplication tricks, it is filled with sections on knots and unknots, maps, Möbius roller coasters, secret binary codes, billiards, chaos theory, and more. The layout is clear and precise, though some of the explanations are a bit complicated. Most of the black-and-white cartoons and diagrams complement the text nicely, although some of the drawings are a little rough. Each chapter visits a different site at an amusement park called the MathZone. For each trek, readers are asked to solve problems and try out puzzles on their own. Solutions are provided at the end. This is a fun book that goes beyond sharpening skills, allowing readers to apply mathematics to everyday life. Although it covers similar ground, it would work well with Christy Maganzini's *Cool Math* (Price Stern Sloan, 1997). While *Math Trek* is perfect for youngsters who want to experiment and learn more on their own, teachers may want to use some of the activities to supplement their curriculum.

Maren Ostergard, Bellevue Regional Library, WA

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Review

Chapters such as "Tilt-A-Whirl Madness" and "The Fractal Pond Race" take readers on an amusing and enlightening amusement park adventure through advanced concepts such as mathematical chaos, fractals and topology. The language, problems and examples are all accessible and age appropriate, and the glossary, recommended reading and web site link enhance this lively learning experience. A 2000 Parents' Choice® Recommended winner.

Reviewed by Parents' Choice® 2000 -- From Parents' Choice®

From the Back Cover

Take the ride of your life in the MathZone!

There's a new amusement park in town. Come on in—and find out all the exciting ways you can have fun with math in everyday life. Wander through the fractal forest, take a ride on the Möbius-strip roller coaster, and get dizzy learning about how math makes the Tilt-A-Whirl possible. The more activities you try, the more you'll learn how cool it can be to see the world through the eyes of a mathematician.

Once you've sampled some of the interesting and unique projects in *Math Trek*, from untangling unknots to winning games with weird dice to figuring out secret codes, you'll see that every trip to the MathZone is an exciting adventure!

Users Review

From reader reviews:

Rocio Linville:

Have you spare time to get a day? What do you do when you have far more or little spare time? Sure, you can choose the suitable activity regarding spend your time. Any person spent their spare time to take a move,

shopping, or went to often the Mall. How about open or even read a book entitled Math Trek: Adventures in the Math Zone? Maybe it is to be best activity for you. You know beside you can spend your time with your favorite's book, you can wiser than before. Do you agree with the opinion or you have different opinion?

Rachel Addison:

In this 21st millennium, people become competitive in each way. By being competitive currently, people have do something to make these individuals survives, being in the middle of the particular crowded place and notice by simply surrounding. One thing that sometimes many people have underestimated this for a while is reading. That's why, by reading a guide your ability to survive raise then having chance to remain than other is high. In your case who want to start reading some sort of book, we give you this kind of Math Trek: Adventures in the Math Zone book as beginning and daily reading reserve. Why, because this book is greater than just a book.

Neil Nilsson:

The book untitled Math Trek: Adventures in the Math Zone contain a lot of information on the idea. The writer explains the woman idea with easy technique. The language is very easy to understand all the people, so do certainly not worry, you can easy to read the idea. The book was written by famous author. The author provides you in the new period of literary works. It is possible to read this book because you can read on your smart phone, or device, so you can read the book with anywhere and anytime. If you want to buy the e-book, you can available their official web-site and also order it. Have a nice read.

Roberta Anglin:

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