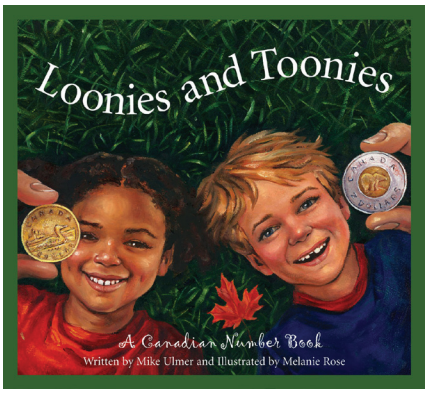
Derrick Grose



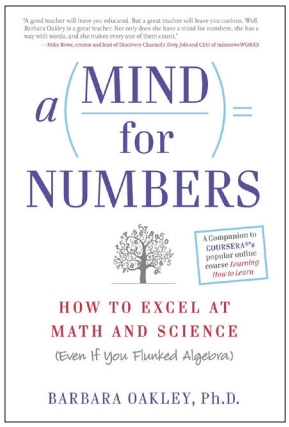
Loonies and Toonies: A Canadian Number Book

by Michael Ulmer with illustrations by Melanie Rose

Chelsea, Michigan: Sleeping Bear Press, 2006

ISBN 9781585362394

This forty-page book will take its junior elementary readers through the numbers from one to twenty, and then to fifty and one hundred. Each number is accompanied by an illustration, a six-line rhyming verse, and one or more prose paragraphs that move from the number that is the subject of the poem, into an exploration of some aspect of Canadian culture, geography or history. Even adults will find some interesting information in this numerical exploration of Canadian trivia.



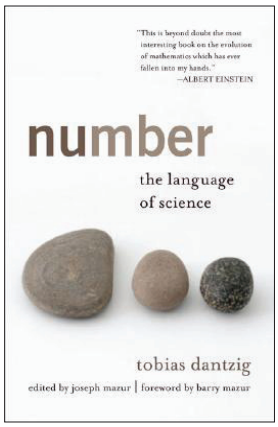
Mind for Numbers: How to Excel at Math and Science (Even If You Flunked Algebra)

by Barbara Oakley

New York: Tarcher / Penguin, 2014

ISBN 9780399165245

A self-described "touchy-feelie, language oriented person," Barbara Oakley is a Professor of Engineering who describes her own evolution from mathophobe to Ph.D. This is a motivational book that invites readers to learn by discovering their own styles and and to take possession of content as they learn it. Learning is described as a creative process and the author makes concrete suggestions such as writing an "equation poem" to express the sense of a standard equation. This book offers a variety of strategies for overcoming self-limiting beliefs about mathematical and scientific talents, by focusing on how the brain works and explaining how anybody can improve their learning in any subject.



number: the language of science

by tobias dantzig

London.: Penguin Books, 2007

ISBN 9780452288119

This classic history of the number, first published in 1930, describes the evolution of the concept from prehistoric times into the twentieth century. In his own words, the author describes the "long, laborious road" with many "twists and turns" between "the day on which man miraculously conceived that a brace of pheasants and a couple of days were both instances of the number two, to this day, when man has attempted to express in numbers his own power of abstraction." Covering developments ranging from the invention of counting to the discovery of the concept of infinity, the book addresses the individuals who have given humanity new insights into numbers and shows how trade, war, and religion have inspired the development of mathematics.

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