

Using Literature to Enrich Mathematics Instruction for Secondary Students

Sunday, March 17
8:00 a.m. – 9:30 a.m.

Beautiful and interesting patterns, vexing problems that have plagued mathematicians for centuries, and thought-provoking philosophical topics ... This workshop will help teachers of secondary students couch mathematics instruction in the written word and the human story. Come get ideas for introducing secondary students of all ability levels to the “big picture” of mathematics using stories, novels, and problems.

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Text	Author	Notes	I SBN
The Number Devil	Hans Magnus Enzensberger	12 chapters	978-0-8050-6299-1
The Number Devil	CD-ROM	10 of the 12 chapters	1-932174-51-6
The Man Who Counted	Malba Tahan	33 chapters	978-0-393-30934-8
Number Stories of Long Ago	David E Smith	10 chapters; history, problems	978-1-60386-138-0
Touchstones Discussion Project	www.touchstones.org	Very short historical documents in math & science topics	1-878461-57-5
Where'd They Get That Idea? Issues and Ideas in Science & Mathematics	www.touchstones.org	Very short readings and activities	
Fractals, Googols, and Other Mathematical Tales	Theoni Pappas	Math ideas covered in short readings; dull visuals	978-0-933174-89-4
The Adventures of Penrose, The Mathematical Cat	Theoni Pappas	Math ideas covered in short readings; dull visuals	1-884550-14-2
Mathematical Scandals	Theoni Pappas	Separate readings about math-related people & ideas	978-884550-10-2

