

Zhang Heng Encyclopedia Article

Zhang Heng

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.

Contents

Zhang Heng Encyclopedia Article.....	1
Contents.....	2
Zhang Heng.....	3

Zhang Heng

78-139

Chinese mathematician and astronomer who developed the world's first seismoscope, as well as one of the earliest rotating globes. His seismoscope, an ingenious invention that he unveiled in 132, consisted of a cylinder surrounded by dragons with frogs beneath. When the earth shook, a ball would drop from a dragon's mouth into that of a frog, making a noise. Zhang Heng also produced a corrected calendar in 123, and discussed cosmology in several texts. He provided a figure of $\sqrt{10}$ for π , which at 3.162 was only correct to one decimal place.