



About Time: A First Look at Time and Clocks

By Bruce Koscielniak

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“[An] impressive history of timekeeping.”—*Horn Book*

Bruce Koscielniak, in this Common Core text exemplar, tells the intriguing story of the many years spent tinkering and inventing to perfect the art of telling time. When time itself was undefined, no one knew the difference between a minute, an hour, and a day. Then people started creating tools to measure time. First they used the sun, the moon, and the water, but soon after people began using their knowledge about the natural world to build clocks and to create calendars made up of months and years. Centuries later, we have clocks and calendars all around us!

This title has been selected as a Common Core Text Exemplar (Grades 4-5, Informational Texts)

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Editorial Review

From School Library Journal

Grade 3-5—Describing the concept of time and how it has been measured, Koscielniak gives an instructive yet entertaining march through the ages. A two-page explanation of daytime versus nighttime, as well as the seasons, sets the stage for the beginning of timekeeping and the origins of the Gregorian calendar. The author provides just enough detail for readers to understand how sundials and water clocks work and to comprehend the problems with their accuracy. Attractive watercolor illustrations in green and tan tones enhance the text. Detailed diagrams further explain such concepts as Huygens's balance spring, which later developed into the portable watch. Endpapers show various timepieces through the ages from an Egyptian shadow clock in 1500 B.C. to electric clocks in A.D. 2000. Children will be entertained as well as informed by this presentation.—*Blair Christolon, Prince William Public Library System, Manassas, VA*

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From Booklist

Gr. 2-5. The author-illustrator of *Johann Gutenberg and the Amazing Printing Press* (2003) now presents an introduction to time and the history of timekeeping. The discussion begins with the meanings of terms such as *day, month, and year* and the development of the calendar in Western civilization. After explaining the use of early devices for marking time, such as sundials, water clocks, and hourglasses, the book traces the advancing technology of mechanical clocks from the thirteenth century onward and briefly explains twentieth-century advances such as quartz and atomic clocks. The ending briefly acknowledges three theories of time, from the ancient Greeks to Einstein. Brightening every page is watercolor artwork: clear diagrams of astronomical relationships, stylized historical scenes, sketchy (occasionally awkward) portrayals of people, and excellent pictures of clock mechanisms, which, in conjunction with the text, enlighten readers as to how the "workings" actually work. Students beyond the "telling time" stage will find this an attractive introduction to the broader subject of time. *Carolyn Phelan*

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Review

Children will be entertained as well as informed by this presentation.

School Library Journal

Koscielniak's watercolor depictions of various clockworks are unusually lucid and well-explained. Mechanically minded children...will find the time well spent.

Kirkus Reviews

Users Review

From reader reviews:

Gavin Wilkins:

This book untitled About Time: A First Look at Time and Clocks to be one of several books in which best seller in this year, that's because when you read this guide you can get a lot of benefit in it. You will easily to buy this book in the book shop or you can order it by way of online. The publisher of the book sells the e-book too. It makes you more easily to read this book, since you can read this book in your Touch screen phone. So there is no reason to your account to past this book from your list.

Aaron Tolleson:

People live in this new time of lifestyle always try and and must have the free time or they will get lot of stress from both daily life and work. So , when we ask do people have extra time, we will say absolutely of course. People is human not just a robot. Then we consult again, what kind of activity are you experiencing when the spare time coming to you actually of course your answer will unlimited right. Then do you try this one, reading books. It can be your alternative in spending your spare time, the actual book you have read is definitely About Time: A First Look at Time and Clocks.

Robert Knight:

About Time: A First Look at Time and Clocks can be one of your starter books that are good idea. Many of us recommend that straight away because this guide has good vocabulary that will increase your knowledge in terminology, easy to understand, bit entertaining but delivering the information. The author giving his/her effort to put every word into delight arrangement in writing About Time: A First Look at Time and Clocks yet doesn't forget the main level, giving the reader the hottest and based confirm resource details that maybe you can be among it. This great information can easily drawn you into brand new stage of crucial contemplating.

Marcie Johnson:

In this particular era which is the greater individual or who has ability to do something more are more special than other. Do you want to become one of it? It is just simple strategy to have that. What you must do is just spending your time little but quite enough to have a look at some books. One of many books in the top record in your reading list is About Time: A First Look at Time and Clocks. This book which is qualified as The Hungry Inclines can get you closer in growing to be precious person. By looking up and review this guide you can get many advantages.

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