

T is for Time

A RIF GUIDE FOR EDUCATORS

Themes: Telling Time, History, Physics, Earth Sciences

Book Brief: Got a minute? This book introduces an alphabet of scientific history related to telling time. Read on to find out different ways people have measured time, from ancient methods to modern inventions.

Authors: Marie and Roland Smith

Illustrator: Renée Graef

Content Connections: Math, Science



TIME TO READ!



BEFORE WE READ, LET'S LOOK AT...

The Cover: Where are the man and young boy in the cover illustration? Explain your answer.

The Pictures: Show students the picture on the inside flap. Why do you think the

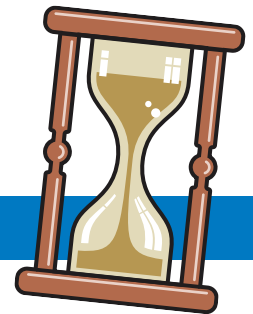
illustrator chose these two characters? What *fable* does this remind you of?

Prior Knowledge: Brainstorm a list of all the ways time can be measured. Write down the different units

of measurement on the board and have students arrange them in order of length. Ask students to guess how they think people measured time before clocks were invented. How would life be more difficult without clocks and watches?

Vocabulary: will vary from page to page

Purpose for Reading: This book works best if you read it over a period of time. As you read, have students compare the methods of timekeeping, as well as the inventors and time periods in history when discoveries about time were made.



WHILE WE READ

MONITORING COMPREHENSION

For each letter, ask:

- ◆ What word belongs to each alphabet letter?
- ◆ How does this person, place, or thing relate to time?

- ◆ How does this information add to what you already know about time?
- ◆ How did this inventor, invention, or discovery impact how we tell time?

LET'S THINK ABOUT



Our Purpose: What were some methods of timekeeping from ancient times that we still use today? Why do you think we still use these methods? How have timekeeping methods changed throughout history?

Extending Our Thinking: What are some of the ways you can keep time without a watch (or a cell phone)? Why is being able to measure time so important? Can you think of any inventions or scientific advances that wouldn't be possible without accurate timekeeping? What is your favorite time during a day, week, month, and year? Discuss your answer with a partner. How do you think people will tell time in the future? Will watches still exist 100 years from now? Explain your answer.

NOTE TO EDUCATORS

- ◆ Extension Activities for Educators also available.



Reading Is Fundamental