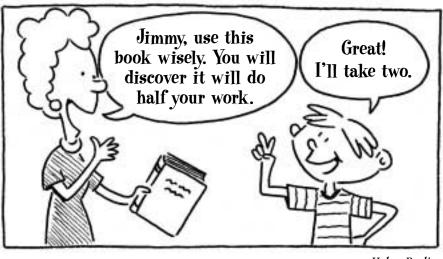
# How to Use This Book



—Helen Rudin

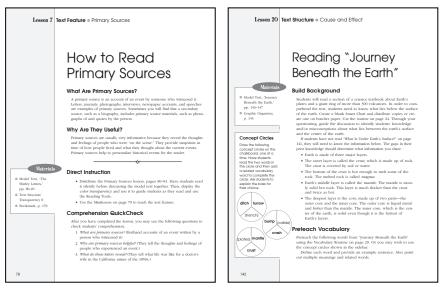
*Teaching Students to Read Nonfiction* provides 22 easy lessons that can be used during reading time or content area instructional time. The book includes:

- Easy-to-Use Text Feature Lessons
- Kid-Friendly Text Structure Lessons
- High-Interest Content Area Selections
- Assessment
- Purposeful Independent Practice
- Connections to Writing
- Tips for Choosing the Right Lesson

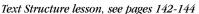
# What's in a Lesson?

There are two types of lessons in this book: Text Feature lessons and Text Structure lessons. Text Feature lessons focus on the typographical and visual elements commonly found in nonfiction. Or, to put it another way, how the text looks on the page. Students are guided through the process of using these visual tools with a portion of text. For ease of use, we have provided the text on a color transparency for each Text Feature lesson. Students will encounter these same text features as part of a longer selection in the following lesson, which focuses on text structures. The lessons are organized so that each Text Feature lesson is followed by a Text Structure lesson that embeds the text feature of the previous lesson. The selections we have chosen are the type of nonfiction text that is typical of students' content area reading.

**Text Structure** lessons teach students how to identify the organization of a piece of writing. Repeated practice will help students internalize text structures so that they can use them more effectively to get



Text Feature lesson, see pages 78-79



information from their content area reading.

## LEARNING ABOUT TEXT FEATURES

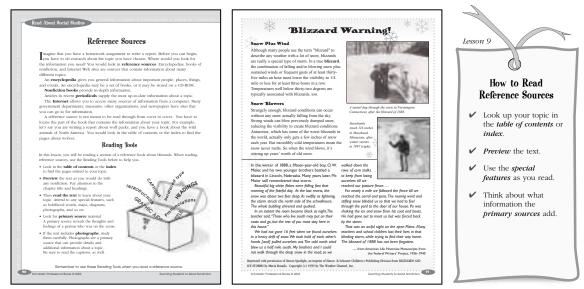
Let's take a closer look at the organization of a Text Feature lesson. It focuses students' attention on how to navigate the text and how to identify and use "tools," such as headings and boldfaced words, that serve as an aid to comprehension. In addition, many students need advance preparation in how to read and interpret the graphic aids they are most likely to meet in nonfiction text—maps, charts, graphs, diagrams, and time lines. Therefore, the lesson also includes one type of graphic aid and teaches students how to read and interpret it. The model text for each Text Feature lesson is included on a color transparency. Later, in subsequent lessons, the same feature will be embedded in authentic text just as students would encounter it in their science and social studies textbooks. At this stage, students will practice reading text, stopping to refer to a graphic, and then returning to the text.

# **Student Materials**

For each Text Feature lesson, students will receive a step-by-step guide called **Reading Tools** on how to read the featured graphic aid. The accompanying **color transparency** of the graphic aid will facilitate group instruction and discussion.

The Reading Tools are summarized on a **Bookmark** for later reference. These are provided on pages 159-160. Students can cut out each bookmark and save it in an envelope labeled **Reading Tool Kit**. Students will find these brief "memory joggers" helpful when they come upon the same graphic aid in Text Structure lessons and in their content area reading. *The lessons covered in* Teaching Students to Read Nonfiction *help students read:* 

- \* Diagrams
- \* Maps
- \* Charts
- \* Time Lines
- \* Primary Sources
- \* Graphs
- \* Social Studies Textbooks
- \* Science Textbooks
- \* Encyclopedia Articles
- \* Online Sources
- \* Text with Multiple Features



Reading Tools, Model Text, and Bookmark for a Text Feature lesson

# LEARNING ABOUT TEXT STRUCTURE

Now let's focus on a Text Structure lesson. Informational texts have both a content and a structure. The structure is the organizational pattern *within* the text. It ties the ideas together. Understanding both the content and the structure is essential for comprehension. The first task is being able to identify the structure of a piece of text. The next task is knowing how to use that structure to organize the content (Just and Carpenter, 1987).

# The 5 Most Common Structures of Nonfiction

Just like fiction, which has plot structure that students must learn and recognize, nonfiction follows basic structures, as well. Five kinds of text structures, or patterns of organization, are commonly found in informational texts:

1. **Description or listing** provides information, such as facts, characteristics, and attributes about a subject, event, person or concept. This organization is the most common pattern found in textbooks (Niles, 1965; Bartlett, 1978). Here is an example:

The dinosaurs were four to eight feet long, about the size of kangaroos. They had small heads and long necks, and they walked on two or four legs.

2. **Sequence or time order** presents a series of events that take place in a time order. The author traces the sequence or the steps in the process. An example is:

Trouble had been brewing for more than 10 years. In 1763 Britain defeated France in the French and Indian War. Britain then tried to tighten control over its 13 American colonies and tax the colonies more heavily.

3. **Compare and contrast** points out the likenesses and/or differences between two or more subjects. For example:

The cheetah can run 70 mph. In the 1996 Olympic Games, Michael Johnson set a world record and captured the gold medal when he ran 200 meters in 19.32 seconds. That's 23 mph.

4. **Cause and effect** attempts to explain why something happens; how facts or events (causes) lead to other facts or events (effects). A single cause often has several effects. Also, a single event may have several causes. This paragraph describes causes and effects:

As the left plate slides down into the earth, it enters the hot mantle. Rocks in the sliding plate begin to melt, and they form magma.

5. **Problem and solution** describes a problem and presents one or more solutions to that problem. The following is an example:

Environmentalists are battling to save remaining native species. Scientists and private citizens are attempting to preserve 4,000 acres on the island of Hawaii by literally fencing them off against alien invader species.

Things would be nice and simple if every piece of expository text were neatly written in one clearly identifiable pattern. However, informational text is often complex, and an author may not use one text structure exclusively throughout a long piece of writing. It is more likely that only a section of text will be organized in a single pattern. For example, a chapter about weather in a science textbook may

- first discuss different kinds of weather conditions (*description/ listing*),
- then go on to explain the patterns that result in particular kinds of weather (*cause and effect*),
- follow up with a discussion of when a snowstorm officially becomes a blizzard or when a rainstorm is classified as a hurricane (*compare and contrast*), and finally
- close with what to do in the event of severe weather, such as a tornado (*problem and solution*).

The goal of text structure instruction is to enable students to recognize and use these structures flexibly so that they can make meaning from nonfiction texts.

**Signal Words** A good writer connects ideas within the text with words and phrases. These *connectives*, or *ties*, can act as signals to an informed reader who is trying to identify the text structure. The chart below shows some of the connectives that authors use to signal different text structures and the message they transmit to the reader.

Text Structures		
Text Structure	Signal Words	Signal to Reader
Description or list	to begin with, for example, for instance, most important, in front, beside, near	A list or set of characteristics will follow.
Sequence or time order 1900 $1950$ $20001 \rightarrow 2 \rightarrow 3$	first, second, third, before, on (date), not long after, after that, next, at the same time, finally, then, following	A sequence of events or steps in a process is being described.
Compare and contrast	like, unlike, but, in contrast, on the other hand, however, both, also, too, as well as	Likenesses and differences are being presented and/or discussed.
Cause and effect Problem and solution	therefore, consequently, so, this led to, as a result, because, if then	Evidence of cause(s) and effect(s) will be given or prob- lems and solutions will be described.

This chart is Transparency 1

# **Text Structure Lessons**

We can see why readers must be explicitly taught to recognize and use text structures. Text structures are critical for constructing meaning, yet they are often difficult to identify for the developing reader. Therefore, in the Text Structure lessons, two things happen:

1. Students focus their attention on text structure. They

are taught what the text structures are and what clues they can use to identify the organization of a particular piece of writing. Students will get multiple exposures to each of the text structures discussed above. And, of course, they'll have many additional opportunities to apply what they have learned in their classroom content area reading. The repetition will give students the multiple exposures they need in order to internalize the skill and become sufficiently proficient to use it independently.

2. The selection provides students with another opportunity to practice and apply the skills that were previously taught. The same features and graphic aids are embedded in informational text. A chart, for example, might be part of a science article just as students would encounter it in their content area reading. Students will practice integrating information from the chart with the information in the text.

#### USING HIGH-INTEREST CONTENT AREA SELECTIONS

As we have pointed out, the model texts provide students with an opportunity to apply their knowledge of text features to new texts. These pieces have been carefully selected to match grade-level science and social studies standards. For example, in social studies, fifth graders will be reading about United States history; sixth graders will explore the wonders of the ancient world.

Some of the topics covered in this book include:

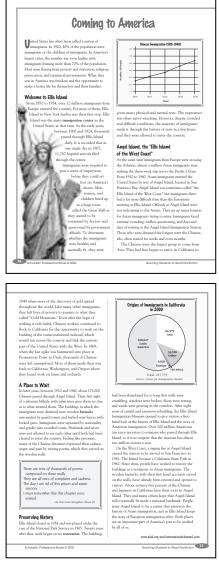
Science: fossils and geology

**Social Studies:** U.S. geography, ancient civilizations and many more!

## Assessment: Comprehension QuickCheck

Following the reading of each selection, the questions that are provided ask students to apply the skill in some or all of the following ways:

- identify the text feature and text structure
- explain the purposes of both
- use the text feature to get information
- generate other situations in which the text feature would be appropriate



Model text for Text Structure lesson, Lesson 6



A true measure of students' knowledge is their ability to use a particular skill on their own. Not only do we teach students to use text features, but we also provide opportunities for them both to practice getting information from these features in novel situations and to create graphic features of their own—such as charts, diagrams, and time lines—to organize information learned from a text.

A **reproducible** is provided for each Text Structure lesson. The reproducible can be used either in class, in learning centers, or for homework. The purpose of this reproducible is to check students' comprehension of the text they read, using a graphic organizer to

record new learning. These graphic aids, such as main idea charts, summary charts, and Venn diagrams, are useful ways for students to organize the information in any text and serve as valuable models.

In addition, some of the **extension activities** at the bottom of the reproducibles ask students to organize new text using the text feature they learned about. For example, if students read about 19th century American life using a time line, they may be asked to read about a different time period in our country's history and create a time line to represent the major events. Repeated opportunities to read and create these text features will help students organize their thinking when reading and writing independently. And, these features can be applied to written reports and oral presentations!

# CONNECTING TO WRITING

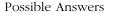
One of the ways to assess students' understanding of nonfiction text is by having them write **summaries**. Summarizing is an important reading strategy and critical writing skill. It involves selecting, organizing, and synthesizing the most

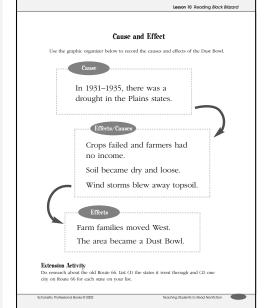
important elements in a piece of text; and by using their own words, students demonstrate what they have learned. Summaries synthesize key ideas and details, are brief, do not contain the student's opinions, and are organized in a logical sequence. Summaries can be oral or written.

Summaries also require the reader to use all that he or she knows about the content of the text, as well as the text structure and its many features. Summaries are not easy for many students. Writing a good summary requires a great deal of modeling and guided practice (Hidi and Anderson, 1986).

# In order to write a summary, a reader must be able to:

- 1. select the most important information in a text, thereby discarding the least important.
- 2. condense information by combining ideas or replacing a





general term for a group of specific terms (i.e., "transportation" instead of "cars, trains, and planes").

3. record the most important ideas on paper in their own words.

## Have students follow these steps to create a summary:

- Determine the main ideas, such as the main topic of the text. Use headings to help identify these main ideas.
- Look for information that is repeated. Be sure it is included only once. In addition, look for ideas that can be grouped.
- Look for the main idea sentence for each important section of text. It often appears in the heading or at the end of a paragraph.
- If you can't find a main idea sentence, think of one yourself.
- Write your summary. Be sure to use your own words and be brief (Cooper, 1993).

In addition, a great way to help students internalize important aspects of nonfiction is to have them apply these aspects to writing by **creating text using nonfiction structures and features**. For example, when teaching students how to read a text using sequence as its organizing structure, a great follow-up activity is to have them write a text using the same structure. (See chart below.) As students gain more experience using these text structures and features in their writing, they will begin to internalize them. Therefore, when they encounter these structures and features while reading, these texts will be easier to navigate and comprehend. The extension activities provide opportunities for students to apply their learning.

Remember-reading and writing are reciprocal!

Writing Assignment	Text Structure/Text Feature
Biography	Chronological order with time line
Report about a country or state	Description with map
Article for school newspaper about a school-related issue	Problem and solution
Report about a life cycle	Sequence with diagram
Essay about how something has changed over time, such as your town, clothing style	Compare and contrast
Speech about the effects of a new law or important news event	Cause and effect

# Tips for Choosing the Right Lesson

How you use the lessons in this book will depend on your classroom set-up and your preferences. You may follow the sequence presented in the book or, since each lesson can stand alone, you may choose to dip in wherever you see fit. Here are several options that will work:

- If your classroom is self-contained, and you teach the content areas as well as reading and language arts, you may wish to approach each lesson as you would any reading skill—on a weekly or bi-weekly basis, following the sequence presented in this book. You can use the lessons to preteach text features and text structures, and later apply those skills to new text in social studies or science textbooks and periodicals. For example, you begin with Overview Lesson 1 on page 38 that introduces the text feature diagrams. At a later date, let's suppose your students are about to read a chapter about the water cycle in their science textbooks. You can first review the features of a diagram and then students can apply what they have learned to the new material in their textbooks.
- As an alternative, you can teach the lessons in this book during your social studies or science block. Preview the science or social studies textbook lesson for the week and identify the text features and structures your students will encounter. Then preteach those skills using the appropriate lessons in this book. For example, if the social studies chapter includes a two-tier time line showing the events in America and in Europe from 1770 to 1790, you can preteach with Lessons 17 and 18—the text feature lesson on time lines and the text structure lesson on sequence.
- Another approach is to dip into just one part of a lesson. You may use only a portion of the lesson based on student needs, reading levels, and time constraints.

IF	THEN
You teach in a self-contained classroom	Use the lessons in the sequence provid- ed. You may want to revisit a particular lesson when students need to apply the skill to a new text.
You are a content area teacher	Use the lesson that is appropriate to the reading demands of the particular chapter you are using in your textbook.
You need more flexibility	Pick and choose portions of lessons to meet your current instructional needs.