# Making CONNECTIONS

**MAKING CONNECTIONS 4** is an advanced academic reading and vocabulary skills book. It is intended for students who need to improve their strategic reading skills and build their academic vocabulary.

### SKILLS AND STRATEGIES 4

### Understanding Text Organization

In most academic texts, writers use different forms of organization as they present supporting details for their ideas. They often use these different forms of organization for sections of text, paragraphs, or within individual sentences. They use formatting, specific words, or punctuation to signal these organizational structures. Becoming familiar with the most common forms of organization and their signals will help you understand academic texts.

#### Examples & Explanations

#### A New Post-Surgery Remedy

<sup>®</sup>After surgery, most patients just want to go home. <sup>®</sup>Patients recover more quickly at home, so most doctors support the practice, but they face a **dilemma**. <sup>®</sup>If they send patients home too soon after surgery, then they may develop complications. <sup>®</sup>It is vital to watch these patients carefully until they are out of danger. <sup>©</sup>The ideal solution would be remote monitoring. This option has recently become available in the form of small patches that can be attached to the skin. <sup>2</sup>The patches contain sensors that send information to the patient's doctor. <sup>®</sup>Several studies have demonstrated that allowing post-surgery patients to return home with a skin patch can **result in** lower medical costs. <sup>®</sup>One study showed that the patch led to a 25 percent drop in the number of days a patient spent in the hospital, with similar health outcomes to those who remained in hospital care.

The overall organization of this passage is problem-solution. However, several other forms of text organization are found within this structure. Headings often give a clue to organization. This heading includes a word, *remedy*, which suggests a solution.

In sentence 1, the writer introduces the topic: the claim that patients do not want to remain in the hospital after they have had surgery.

In sentence 2, the writer uses the word dilemma to announce that the claim presents a problem. The problem is clearly identified in sentence 3 with an ii-then expression, which indicates cause and effect. Sentence 4 provides details.

and effect. Sentence 4 provides details. In sentence 5, the word *solution* signals a possible

resolution. Sentences 6 and 7 provide details about this resolution. In sentence 8, the writer does several things.

a. He continues to discuss the solution, but as part of the solution, he begins a section that has causeand-effect organization, with the signal *result in*.
b. He also makes a claim – a skin patch can result

 b. He also makes a claim – a skin patch can result in lower health costs – leading the reader to expect some evidence for the claim.
 Sentence 9 offers the first piece of evidence

to support the claim. It uses both cause-andeffect organization, with the signal *led to*, and comparison organization, with the signal *similar*.

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Students learn strategies for approaching academic texts and skills for consciously applying the strategies. Each unit begins with an in-depth study of key skills and strategies for reading academic texts, helping students to learn how and when to use them.

#### In addition, writers may use formatting, such as headings, lists, and bullets, as well as punctuation, to signal text organization.

#### Strategies

- These strategies will help you recognize and understand text organization.

   Look for signals of broader text organization, like section headings and bulleted lists while you preview or read an article.
- While you preview or read an article.
  While you read, look for more local signals of text organization, such as words, phrases, and punctuation.
- After identifying a text organization signal, scan ahead to find information that is linked to this type of organization. For example, if the signal indicates a list, look for items in the list. If a signal indicates a problem, identify the problem and then look
- for a solution. • Expect several types of text organization within a single reading. Some will structure larger portions of the reading; others will only give structure to short sections.
- larger portions of the reading; others will only give structure to short sections. • Writers do not always provide explicit signals to indicate text organization. In these cases, you will need to infer how the text is organized.

#### Skill Practice 1

Read the following sentences. Highlight the text organization signals and check (/) the type of organization they signal. A signal may be a single word or a phrase, and there may be more than one signal in an item. The first one has been done for you.

- 1 The fatal misdiagnosis of their daughter in 1993 led a British couple to develop an app to help doctors arrive at more accurate diagnoses.

   a \_\_\_\_\_ compare/contrast
   b ∠\_\_\_\_\_ cause/effect
   c \_\_\_\_\_\_ definition
- 2 The app has several components. One section provides all possible diagnoses. A second section helps the user rule out irrelevant ones and narrow down likely possibilities.

a \_\_\_\_ classification b \_\_\_\_ definition c \_\_\_\_ problem/solution

- 3 Errors in diagnosis are the most serious patient safety issue. Hospitals are starting to develop systems to catch these errors before patients get hurt.

   a \_\_\_\_\_ problem/solution \_\_\_\_\_ cause/effect \_\_\_\_\_ c \_\_\_\_ definition
- 4 Many hospitals have difficulty maintaining a sterile environment. a \_\_\_\_\_cause/effect b \_\_\_\_\_comparison/contrast c \_\_\_\_\_ problem/solution
- 5 Periodic outbreaks of infections in hospitals are often blamed on bacteria and fungi
- that grow on walls, floors, and bedding.

   a \_\_\_\_\_ problem/solution
   b \_\_\_\_\_ cause/effect
   c \_\_\_\_\_ definition

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# **FEATURES**

- Critical thinking skills
- Real-time practice of skills and strategies
- Study of the Academic Word List

# UNIQUE TO THIS LEVEL

Reading 5 texts are by experts in technology, science, business, and engineering. A concluding activity targets vocabulary common to the unit discipline.

ant of a taxt is
Predicting the content of a text is critical for reading college books, and students practice this skill extensively before beginning each reading.
n An
abet
ure is central to understanding process. In fact, an operational gineering is simply the avoidance c calculations engineers carry out a experiments would be virtually ose results or data compare with engineers work with a steel struc-
n

Each unit contains 5 readings, providing students with multiple opportunities to practice applying the skills and strategies.

Students learn how to use the skills and strategies by applying them to each text while they read it.

can take, the maximum rainfall it can accommodate, or the maximum temperature at which it can operate. Without such knowledge, there is no understanding of the limits within which the system can operate without failure. Although often associated with the catastrophic collapse of a struc-2 Although often associated with the catastrophic collapse of a struc-ture or the total breakdown of a system, the term "failure" can also mean the inability of design to fulfill completely its intended function. Thus, a skyscraper that is in no danger of collapsing, yet is so flexible that the occupants of its upper floors get queasy' when moderate winds blow in a certain direction, could be considered a design failure. The excessive flexibility of the structure should have been anticipated and the design wavefilled.

design notified. There is also a paradox associated with design: that failures, through the lessons learned design: that failures, through the lessons learned from them, provide invaluable information on how to achieve subsequent successful designs. An example of failures of suspension bridges in the early nineteenth century. By studying those failures and their causes, the engineer John Roebling came to understand what was needed in the design in order to achieve a successful suspension bridge, which he did, most famously the Brooklyn Bridge that spans the East River in New York City to this day.

1 queasy: feeling as if you are going to vomit



As you read this paragraph, choose three words for vocabulary rards. Underline them so words for vocasion, cards. Underline them so you can return to them when you have finished reading.

U READ

Use context and your knowledge of word parts to guess the meaning of *excessive*. Does it mean (a) dangerous or (b) more than expected?



The Brooklyn Bridge

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# FROM THE SERIES AUTHORS

"Reading is an interactive process, in which readers use their knowledge of language, text organization, and the world to understand what they read."

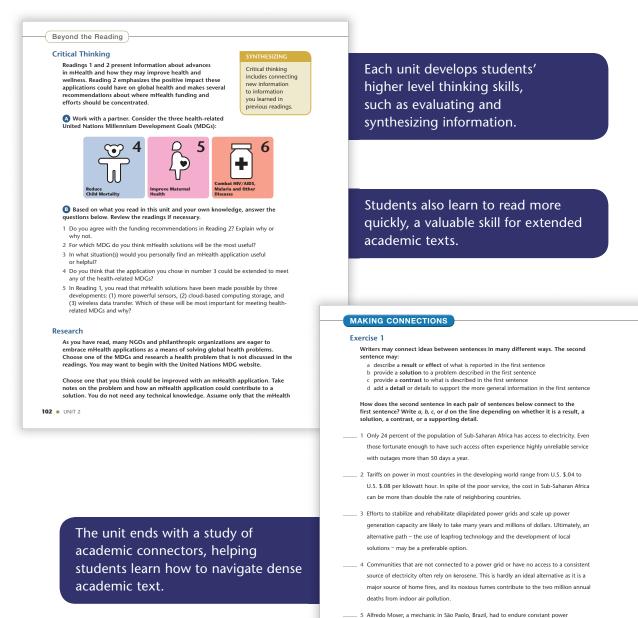
"Reading is goal-oriented and strategic; good academic readers know when to use the right reading skills."

Skill Review		
In Skills and Strategies 7, you learned that writers do not always state information directly. Sometimes a writer implies ideas or states facts from which the reader must make inferences.	n	
<ul> <li>Review paragraphs 6–11 in Reading 2. Read the inference statemen based on information in these paragraphs. Then find a sentence from paragraph in parentheses that supports the inference. The first one ha for you.</li> <li>Inference: Many Americans lost their jobs when GM moved its automot to Mexico. (Par.6)</li> <li>Evidence: In the 1980s. General Motors (GM) closed 10 American fact moved its production to Mexico.</li> <li>Inference: GM's II infrastructure was leading in inefficiency. (Par. 7)</li> </ul>	the as been done ive production	Students continually review the skills and strategies, helping them build up a valuable set of tools for reading academic texts.
Evidence:		
3 Inference: The insourcing process at GM is gradual. (Par. 8) Evidence:		
4 Inference: Some of the employees at overseas call centers have lim (Par. 9)	Vocabulary Dev	elopment
Evidence:	Definitions	te Desilie 2 that we similar to the definition below
5 Inference: Though some companies are now bringing outsourced headquarters, outsourcing remains a widespread practice. (Par. 10) Evidence:		in Reading 2 that are similar to the definitions below. monly or happening frequently ( <i>adj</i> ) Par. 1
• Compare your answers with a partner's. Discuss how the evide the inference. Pudents expand their bocabularies by studying key ords from each reading and cademic words from each unit.	4 to ca 5 to re 6 a strc 7 a situ 8 a fee 9 some 10 a cor 11 centr 12 made 13 to ca 14 to m 15 anno Words in Complet consolid delegat 1 We r 2 It is i mark 3 is pro 4 The t busir 5 The t with 6 The 1	<ul> <li>7 The law requires that the company's divisions be taxed as separate</li> <li>Good managers do not try to control everything; they</li></ul>
	172 • UNIT 3	10 The start-up company launched several new to raise capital.

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### THE APPROACH

The *Making Connections* series offers a skills-based approach to academic reading instruction. Throughout each book, students are introduced to a variety of academic reading and vocabulary-building skills, which they then apply to high-interest, thematically related readings.



J AIIredo Moser, a mechanic in 3ao Paolo, Brazin, had to endure constant power blackouts, which had a very negative impact on his business. In response, in 2002, he invented the bottle bulb – a plastic bottle of water with bleach mounted in the roof, which gives 50 watts of illumination at no cost.

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