Teaching Cause and Effect

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KUCRL

With publication of *Teaching Cause and Effect* this fall, the Strategic Instruction Model™ enters the world of multimedia e-publications.
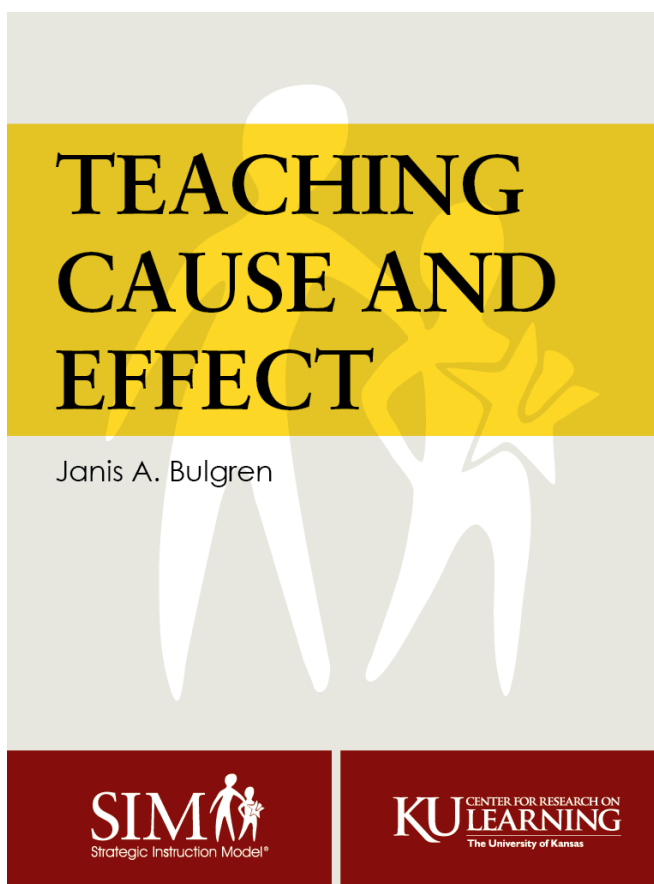
The new manual, which is part of the SIM Content Enhancement Series, packs a lot of information into just four chapters: an introduction, an overview of the Cause-and-Effect Guide graphic organizer, an explanation of instructional procedures, and suggestions for extending student learning.

1. Introduction

The first chapter explains the purpose of *Teaching Cause and Effect* and reviews the supporting research. It orients the reader to the rest of the manual and links to additional information, including supporting materials on the KUCRL website. The chapter also features a gallery of completed Cause-and-Effect Guides as examples of how the instructional procedures and related materials can be used in different content classes.

2. The Cause-and-Effect Guide

The second chapter introduces the Cause-and-Effect Guide, a visual device that serves as the centerpiece of the manual. This chapter walks the reader through a step-by-step approach to using the guide, including restating the question; identifying and defining key terms; naming the event and listing background information; describing the causes of the event and exploring connections among the causes; describing the effects of the event and exploring

TEACHING CAUSE AND EFFECT

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the connections among the effects; and answering the restated question.

Before using the guide, teachers select the critical question they want students to analyze and construct a draft of the guide for themselves. Although the final version of the

Inside: Don't miss...

SIM Strategic Instruction Model®

Cause-and-Effect Guide

Name:_____ Date:_____ Unit:_____ Topic:_____

1 Restated question:

2 Key Terms:

4 Causes & Connections:

3 Event & Background Information:

5 Effects & Connections:

6 Answer:

guide will be constructed in partnership with students, the draft ensures teachers have a clear understanding of the material they plan to cover before they begin.

In the event a question does not use the words "cause" or "effect," this chapter includes a list of synonyms that might cue teachers and students to look for causes and effects. For example, "lead to," "induce," "instigate," "result," "ramification," and "upshot" are all words that could hint that causes or effects are important in answering the question.

3. Using the Guide with Students

Teaching Cause and Effect promotes the use of the familiar Cue, Do, Review instructional sequence to analyze cause-and-effect questions with students.

During the Cue phase, teachers introduce the Cause-and-Effect Guide to students, provide an overview of the six steps to completing the guide, name the topic and why it's important, explain how the guide will help students understand the information, and explain expectations.

During the Do phase, teachers and students construct the Cause-and-Effect Guide in partnership. The *Teaching Cause and Effect* manual provides detailed descriptions and video examples of how to approach this phase.

During the Review phase, teachers check for student understanding and ensure that the guide is complete.

4. Extend Student Learning

The final chapter of *Teaching Cause and Effect* suggests ways to extend student learning through use of the Cause-and-Effect Guide. This chapter introduces a mnemonic device, "REASON," that can help students remember the Cause-and-Effect Strategy. Though *Teaching Cause and Effect* is part of the Content Enhancement Series, the Do Steps constitute an embedded strategy that students can use to analyze cause-and-effect relationships independently.

Chapter 4 offers several more suggestions for use of the Cause-and-Effect Guide to extend student learning and assess student knowledge. See the sidebar, *Writing Essays with the Cause-and-Effect Guide* on page 4, for one example.

Restate the question

Examine key terms

Analyze critical event and background information

Specify causes and connections

Organize effects and connections

Nail down the answer

SUPPORTING RESEARCH

In studies involving 164 students in seventh- and eighth-grade social studies and science classes, students in the experimental group significantly outperformed students in the control group. They were better able to learn and apply the steps associated with analyzing a cause-and-effect relationship. They also were able to identify the causes and effects of an event, identify connections between causes and effects, and summarize the importance of the causes and effects.

IBOOK FEATURES

Our design of the *Teaching Cause and Effect* manual takes advantage of the multimedia capabilities of the iBook format. Throughout the book, we have included links to related information outside of the book, including to the KUCRL and SIM websites and to the simpd@ku.edu email address for readers who have questions or want more information. The manual also includes links to a dedicated web page on the KUCRL site where we have posted supporting materials: blank copies of the Cause-and-Effect Guide graphic organizer in both pdf and PowerPoint formats, a handout on how to use the guide to write an essay (Word document), and a handout explaining the steps of the Cause-and-Effect Strategy (Word document).

The iBook format also allows us to include videos of teachers demonstrating the instructional procedures associated with *Teaching Cause and Effect.* In the first version of the manual, author Janis Bulgren demonstrates each step of the cause-and-effect analysis.

Illustrations throughout the text are organized into "galleries" of related graphics. A quick tap on an illustration enlarges it to fill the screen for easier viewing.

The iBooks app also allows you to take notes, highlight text, look up a word's definition, search text (with the option to expand your search to the web or Wikipedia), add bookmarks, review your notes by chapter, search your notes, email your notes, and more.

GET YOUR COPY

Teaching Cause and Effect is available without professional development as an iBook in the iTunes store. At this time, the book is only compatible with iPads. If you purchase and use this book, we welcome your feedback on both content and format.

PROFESSIONAL DEVELOPMENT REPORTING

Submit your SIM professional development session reports electronically. Visit the following link:

http://www.surveymonkey.com/s/ PostPDDataSubmissionSurvey

Writing Essays
with the Cause-and-Effect Guide

A completed Cause-and-Effect Guide can serve as a good outline for an essay. Use the different sections of the guide to create different paragraphs for the essay. Here's one way to do it:

- **Introductory paragraph:** Use the restated question in Section 1 to develop a topic sentence that identifies the event and the causal relationship of interest. Use information from Section 2 to provide more details, if appropriate.

- **Body of essay:** Use the information from Sections 3, 4, and 5 to construct the body of the essay. The second paragraph, for example, may consist of a discussion of the critical event, the third paragraph of the causes of the event, and the fourth paragraph of the effects of the event.

- **Concluding paragraph:** Use the information from Section 6 to develop the essay's conclusion, justifying claims with specific information from the guide. The conclusion could also include insights or generalizations based on a student's thinking about the event and its causes and effects.

2013-2014 SIM Virtual Conference

Registration is open for the 2013-2014 SIM virtual conference. We have scheduled two opportunities for you to participate. Choose from one of the following dates:

- Winter Virtual Update: **Jan. 13– Feb. 2, 2014,** with a mandatory concluding webinar at 4 p.m. (Central) Feb. 5 or 10 a.m. (Central) Feb. 6. Registration deadline is Jan. 3, 2014.
- Spring Virtual Update: **April 21–May 12, 2014,** with a mandatory concluding webinar at 4 p.m. (Central) May 14 or 10 a.m. May 15. Registration deadline is April 11, 2014.

The webinars last about one hour. Attendance at one of the webinars is mandatory to receive update credit, so **please do not sign up for a virtual update if you are not able to attend one of the webinars**.

HOW MUCH DOES THE VIRTUAL CONFERENCE COST?

The cost is $400 for the streaming video option or $425 if you opt to receive DVDs of the sessions. You will not have the travel and lodging costs associated with attending a face-to-face conference. See the registration form on page 5.

MORE INFORMATION

Complete information about the 2013-2014 SIM Virtual Conference can be found in the October issue of *Stratenotes.* All past issues of the newsletter are available in SIMville.

SIM PROFESSIONAL DEVELOPERS
2013-2014 SIM VIRTUAL CONFERENCE
Registration Form

Name: _____

School/District/Workplace _____

Work Address: _____ Fax: _____

City:_____ State/Province_____ ZIP:_____

Home Address: _____ Mailing Address: ❑Home Address ❑Work Address

City:_____ State/Province: _____ ZIP: _____

Phone (home) _____ (work)_____

Email address to be used for communication about this conference: _____

Choose your virtual conference session:
❑ **Winter:** Jan. 13–Feb. 2, 2014; webinar dates Feb. 5 and Feb. 6 **REGISTRATION DEADLINE: Jan. 3, 2014**
❑ **Spring:** April 21–May 12, 2014; webinar dates May 14 and May 15 **REGISTRATION DEADLINE: April 11, 2014**

AMOUNT ENCLOSED:

❑ **Registration: Streaming video option**	**$400 (U.S. funds)**	$ _____
❑ **Registration: DVD option**	**$425 (U.S. funds)**	$ _____
❑ **Strateworks membership renewal (optional)**	**$50**	$ _____

   ❑ *Check here to receive your* Stratenotes *newsletter by email* (e-Stratenotes)

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PAYMENT INFORMATION

❑ **Check** (made payable to KUCRL)

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Refund Policy: If you cannot participate in this conference, you must notify KUCRL no later than 14 days before the starting date to receive a refund of your registration fee. **There will be a cancellation fee of $25 for all cancellations.** We will be unable to issue refunds for cancellations received **after Dec. 30, 2013**, for the virtual conference beginning Jan. 13, 2014, **or after April 7, 2014**, for the virtual conference beginning April 21, 2014.

Please make a copy of this information for your records.

SIM CALENDAR

Jan. 13–Feb. 2, 2014
Virtual Update for SIM Professional Developers

Jan. 28–30, 2014
Florida Update

Feb. 25–26, 2014
Southeast Update Conference for SIM Professional Developers
Charleston, S.C.

April–May 2014 (Dates TBD)
Virginia Content Enhancement Routines Potential Professional Developers Institute

April–May 2014 (Dates TBD)
Virginia Learning Strategies Potential Professional Developers Institute

April 21–May 12, 2014
Virtual Update for SIM Professional Developers

May 28–30, 2014
SIM Learning Strategies for Preservice Educators
Lawrence, Kan.

May 28–30, 2014
Content Enhancement Routines for College/University Content and Preservice Educators
Lawrence, Kan.

June 9–10, 2014
Iowa Update Conference for SIM Professional Developers

June 16–18, 2014
Meeting the Standards: SIM Writing Strategies and the Conventions
Lawrence, Kan.

June 18–20, 2014
SIM Writing Strategies: Meeting the Standards Including CCSS: Paragraphs and Themes
Lawrence, Kan.

June 23-27, 2014
SIM Learning Strategies Potential Professional Developers Institute
Pasadena, Calif.

June 23, 27-2014
SIM Content Enhancement Potential Professional Developers Institute
Pasadena, Calif.

July 16–18, 2014
International SIM Conference
Lawrence, Kan.

COMPLETE LIST OF SIM EVENTS, INCLUDING THOSE NOT COORDINATED BY KUCRL: HTTP://SIM.KURL.ORG/CLASSES

ADDRESS SERVICE REQUESTED