

SCIENCE RESEARCH REPORT

A scientific question can be answered by forming a hypothesis and then performing an experiment. Many scientific questions can also be answered through research. In this report you will research the answer to a question you have about science. A timely subject would be to find out more about the COVID-19 virus and how this pandemic compares to previous ones. Make sure you choose a subject that is of interest to YOU!

You should take notes and prepare an outline, but you don't need to turn these in. You will turn in your rough draft showing revisions, and a final copy (typed or written in pen). You will include at least one illustration (drawing, diagram, photograph, etc.). You must include a bibliography or works cited page listing your sources. At least 2 sources must be used. These sources can include any of the following: internet articles, books, magazines, TV news or other programs, videos, telephone interviews, etc. The report must be a minimum of two single-spaced pages plus any illustrations and the bibliography.

Guidelines for writing the bibliography or works cited list are attached. Be sure to use the exact format show in the examples.

Have fun learning more about science!

Follow the Forms The *Works Cited* list contains all the sources, print and nonprint, that you credit in your paper. You may have used other sources, but if you do not credit them in your historical research paper you need not include them in a *Works Cited* list. Use the following guidelines to help you prepare your *Works Cited* list.

TIP A bibliography contains only print publications.



GUIDELINES FOR PREPARING THE WORKS CITED LIST

Center the words *Works Cited*. Ask your teacher whether the list should begin on a new page.

Begin each entry on a separate line. Position the first line of the entry even with the left margin, and indent all other lines five spaces, or one-half inch if you are using a word processor. Double-space all entries.

Alphabetize the sources by the authors' last names. If there is no author, alphabetize by title, ignoring *A*, *An*, and *The* and using the first letter of the next word.

If you use two or more sources by the same author, include the author's last name only in the first entry. For all other entries, put three hyphens in place of the author's last name (---), followed by a period.

The following sample entries are a reference for preparing your *Works Cited* list. Notice that you include page numbers only for sources that are one part of a whole work, such as one essay in a book of essays.



SAMPLE WORKS CITED ENTRIES

Standard Reference Works If an author is credited in a standard reference work, cite that person's name first in an entry. Otherwise, the title of the book or article appears first. You do not need to cite the editor. Page and volume numbers aren't needed if the work alphabetizes entries. For common reference works, use only the edition (if listed) and the year of publication.

Print Encyclopedia Article

Tebeau, Charlton W. "Sherman, William Tecumseh." *The New Encyclopedia Britannica: Micropedia*. 15th ed. 1995.

"Civil War." *The World Book Encyclopedia*. 1998 ed.

Article in a Biographical Reference Book

"Ulysses Simpson Grant." *Abridged Encyclopedia of World Biography*. 6 vols. Detroit: Gale, 1999.

Books

One Author

Derry, Joseph T. *Story of the Confederate States*. New York: Arno, 1979.

Two Authors

Catton, William, and Bruce Catton. *Two Roads to Sumter*. New York: McGraw, 1963.

Three Authors

Ward, Geoffrey C., Ric Burns, and Ken Burns. *The Civil War: An Illustrated History*. New York: Knopf, 1990.

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Four or More Authors

Beringer, Richard E., et al. Why the South Lost the Civil War. Athens: U of Georgia P, 1986.

No Author Shown

The March of the Southern Men. Richmond: Dunn, 1863.

Editor of a Collection of Writings

Marius, Richard, ed. The Columbia Book of Civil War Poetry. New York: Columbia UP, 1994.

Two or Three Editors

Greenberg, Martin H., and Bill Pronzini, eds. A Treasury of Civil War Stories. New York: Bonanza, 1985.

Bibliography Published as a Book

Moss, William. Confederate Broadside Poems: An Annotated Descriptive Bibliography. Westport: Meckler, 1988.

Translation

Hess, Earl J., ed. A German in the Yankee Fatherland: The Civil War Letters of Henry A. Kircher. Trans. Ernest J. Thode. Kent: The Kent State UP, 1983.

Selections Within Books

From a Book of Works by One Author

Varhola, Michael J. "The Army." Everyday Life During the Civil War. Cincinnati: Writer's Digest, 1999. 129.

From a Book of Works by Several Authors

McMurry, Richard M. "The Atlanta Campaign." The South Besieged: Volume Five of the Image of War, 1861-1865. Ed. William C. Davis. New York: Doubleday, 1983. 240-302.

Introduction, Preface, Foreword, or Afterword

Simpson, Brooks D. and Jean V. Berlin. Introduction. Sherman's Civil War: Selected Correspondence of William T. Sherman, 1860-1865. Chapel Hill: U of North Carolina P, 1999.

Articles from Magazines, Newspapers, and Journals

From a Weekly Magazine

Ebeling, Ashlea. "Battle Cry." Forbes. 5 Oct. 1998: 78-80.

From a Monthly or Quarterly Magazine

Wert, Jeffrey D. "A Month Overrated: April, 1865 in the U.S. Civil War." Civil War Times. May 2001: 20.

Anonymous Author

"South Rises." U.S. News and World Report. 10 May 1999: 8.

From a Scholarly Journal

Brown, William O. and Richard K. Burdekin. "Turning Points in the U.S. Civil War: A British Perspective." Journal of Economic History. 60.1 (216-231).

From a Daily Newspaper, with a Byline

Horwitz, Tony. "Shades of Gray: Did Blacks Fight Freely for the Confederacy?" The Wall Street Journal. 8 May 1997: A1.

From a Daily Newspaper, without a Byline

"The Latest Battle of Gettysburg." New York Times. 4 July 1997: A18.

Unsigned Editorial from a Daily Newspaper, No City in Paper's Title

"Humanity of the War." Editorial. The Christian Recorder. 1 March 1862.

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Other Sources

Personal Interview

Norton, Stewart. Personal interview. 14 Aug. 2001.

Telephone Interview

LaRue, Patricia. Telephone interview. 23 May 2001.

Published Interview

Burns, Ken. Interview with Alice Cary. "If Abe Lincoln Were Campaigning for President Today, He Wouldn't Win." TV Guide 25 Jan. 1992: 13.

Broadcast or Recorded Interview

Burns, Ken. Interview with Terry Gross. Fresh Air. Natl. Public Radio. WHYY, Philadelphia. 29 Jan. 1997.

Published Letter

Sherman, William T. "To John Sherman." 22 April 1862. Letter in Sherman's Civil War: Selected Correspondence of William T. Sherman, 1860–1865. Ed. Brooks D. Simpson and Jean V. Berlin. Chapel Hill: U of North Carolina P, 1999.

Unpublished Letter or E-Mail Message

Gumble, Max. Letter to the author. 3 Sept. 2001.

Westmoreland, Margaret. E-mail to the author. 30 Dec. 2001.

Unpublished Thesis or Dissertation

Bass, Patrick Grady. "Fall of Crisis: European Intervention and the American Civil War." Diss. Claremont Graduate School, 1986.

Sound Recording

Songs of the Civil War. New World Records, 1976.

Film or Video Recording

The Civil War. Dir. Ken Burns. Videocassette. PBS Video, 1989.

NOTE: Always include the title, director or producer, distributor, and year. For DVD or video recordings, add a description of the medium (Videodisc or Videocassette) before the distributor's name.

Material Accessed Through the Internet

"American Civil War." Britannica Online. Vers. 1994–2001. Encyclopedia Britannica. 6 June 2001. <<http://members.eb.com/>>

Article from a CD-ROM Reference Work

Hassler, Jr., Warren W. "Sherman, William Tecumseh." Grolier Multimedia Encyclopedia. CD-ROM. Grolier Inc. 2001.

Full-Text Magazine, Newspaper, or Journal Article from a CD-ROM Database

"Here Are the 10 Civil War Battlefields Listed as 'Endangered' by Trust." Knight-Ridder/Tribune News Service, 27 Feb. 2001: K2031. Infotrac. CD-ROM. Gale Group, 2001.

PRACTICE & APPLY 1

Following the guidelines in the Prewriting section, plan your historical research paper. Remember that accurate records of your research will make writing and documenting your report easier. Closely follow the guidelines for making source cards (page 531) and taking notes (page 532) as you work.