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Science Reference Center

An Introduction

This project is made possible by a grant from the Institute of Museum and Library Services as administered by the Pennsylvania Department of Education through the Office of Commonwealth Libraries, and the Commonwealth of Pennsylvania, Tom Wolf, Governor. © 2016 Hosted by HSLC

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What is Science Reference Center?

• A comprehensive research database that provides access to a multitude of full-text science-oriented content

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Science Reference Center Contains

• Full text science reference books
• Full text science encyclopedias
• Experiments, activities and science fair projects
• Biographies
• And more
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Home Page

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Searching Options

- Keyword Searching
- Browsing by Category
- Browsing Popular Sources
- Advance Searching

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Keyword Search
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Page Options

Page Options

Use this drop-down menu to customize how your
result list will be displayed.

To set your Page Options:
• Result Format: Click the select a result list
  format.
• Image QuickView: Select whether or not you
  would like thumbnails of images from your
  articles to display on the result list.
• Results per page: Select the number of
  results per page you would like displayed.
• Page Layout: Select your desired column
  layout for the Result List.

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Share Menu

Share Menu

To use the Share menu:
• Add to folder: Add all displayed
  articles to the folder or add the search
to the folder as a persistent link to a
  result.
• Create a new alert: Create a search alert
  e-mail or an RSS feed right from the
  Result List, even if you are not signed in
  to My EBSCOhost.
• Use Permalink: Highlight the link text
  and copy using your browser's copy
  function. You can immediately paste
  the link into a web site, document or e-
  mail.
• Export Results - If enabled by your
  administrator, click to email a link to
  downloaded exported results.

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Single Result

1. THE LAWS OF HEAT GO SMALL.
   Photographs, 2 Diagrams; Reading Level: 5.05
   (All 11347611)
   [HTML Full Text] [PDF Full Text (1,606)]
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Detailed Record

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HTML Record

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PDF View
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**Benchmarks**

- Benchmarks are a standard or point of reference again which things may be compared or assessed.

- There are 80 benchmarks includes in this resource:
  - Applied (24)
  - Earth and Space (15)
  - Life (14)
  - Mathematics (9)
  - Physical Science (18)

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**Experiments**

- Science experiments can also be located using the Advanced Search

- For example:
  - Type Circulation in the Find Field
  - Select Grades 9-12 in the Lexile Reading Level
  - Select Science Experiment in the Document type

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**Reference Shelf**

**Reference Shelf**

- Lesson Plans
- Science Experiments
- Citation Help
- Research Guide
- Curriculum Standards
- Worksheets
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**Lesson Plans**

- Clicking on the link in the Reference Shelf will provide links to over 2,013 lesson plans.
- Lesson plans are in PDF format.

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**Science Experiments**

- View the 1,313 science experiments in one place.
- In most cases, these are available in both HTM and PDF format.

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**Citation Help**

There are several styles and forms used to cite sources which support research papers. Most academic institutions have established standard requirements for a preferred style. Three of the most widely used styles of citation are:

- Modern Language Association (MLA)
- Chicago Manual of Style
- American Psychological Association (APA)

Whatever style is used, accuracy, clarity, and completeness are the most important factors to consider when citing various types of sources. Guidelines for citation style, form, and time, and new sources are not always standardized in most citations. However, as the constantly changing nature of electronic databases and sources of information requires citation guidelines to be flexible in order to maintain their usefulness.

In general, most styles require that you not only identify reference sources within the text of your essay, but also provide a separate list of works used in your research.

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Research Guide

Curriculum Standards

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• Contains over 900 standards aligned to the curriculum for specific U.S. States.

• A standard will contain many educational benchmarks that an educator can use to build their lesson plans.

• Opens a module for searching on standard

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Worksheets

• Provides a static link for pulling up all the worksheets included with Science Reference Center.
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Authority Files

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• This authority file allows you to search for specific publications found in Science Reference Center

  • List publications alphabetically

  • Provides access to all available volumes and issues of a selected publication

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Dictionary

• This link on the top bar provides access into the New Oxford American Dictionary.

  • You can browse or enter a keyword for searching.

  • Provides definitions and word origins
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**Subjects**

- Use this link to browse the subject terms assigned to all records found in Science Reference Center.
- Items are displayed alphabetically

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**Images and Video**

- This link allows you to search for videos or science images.
- You can refine your results by a specific collection.