

## HOW TO BEGIN RESEARCH

- **Compile a list of subject key words.** You will use them when researching
- **Think of synonyms** (words that mean the same thing)
- **Check the spelling.** Searching in the library catalog or databases won't correct your spelling.
- **Start small.** Find between 5-10 resources that match your subject. Analyze these sources for your paper before gathering more.
- **Create a rough outline.** Based on the information you have already collected, write down a summary of what you want to cover in your paper.

## WHERE TO LOOK FOR INFORMATION

### **When should I use books?**

- For in-depth overviews or historical background on a subject.
- Look for books using the Catalog on the Library website.

### **When should I use a database?**

- For scholarly research articles that give specific case data or recent developments in an area.
- Access databases from the **Useful Links** bar in the Catalog.

### **When should I use the Web?**

- For demographic statistics or VERY current information that has not yet been published academically

by: Lisa Kellerman

## MATH AND SCIENCE WRITING HELP

### *A Troubleshooting Guide for Writers: strategies and process*

PE 1408 .C5378 2010

### *The McGraw Hill Handbook*

PE 1408 ..M3365 2010

### *Text and Thought: an integrated approach to college reading and writing*

PE 1413 .R38 2000

### *Communicating Technical Information: a guide to current uses and abuses in scientific and engineering writing*

PE 1478 .R3

### *Online Writing Lab at Purdue University*

<http://owl.english.purdue.edu/owl/>

### *Cite it Right: the SourceAid LLC guide to citation, research, and avoiding plagiarism*

REF PN 171 .F66 J6 2005

### **Medicine Spring Library**

**338-5441 x2701**

<http://library.bfcc.edu>

Blackfeet Community College

517 SE Boundary St.

PO Box 819

Browning, MT 59417

# MATH & SCIENCE



Research at:

Medicine

Spring

Library

## Books

The following are Library of Congress Call Numbers for possible books on Math and Science.

- CC Archaeology
- G Geography (general)**
  - GB Physical Geography
  - GE Environmental Science
  - GF Human Ecology
  - GN Anthropology
- Q Science**
  - QA Mathematics
  - QB Astronomy
  - QC Physics
  - QD Chemistry
  - QE Geology
  - QH Natural History, Biology
  - QK Botany
  - QL Zoology
  - QM Human anatomy
  - QP Physiology
  - QR Microbiology
- R Medicine**
- S Agriculture**
  - SD Forestry
  - SF Animal Culture
- T Technology**

### Interlibrary Loan

If there is a book that you need for your research please see the library staff to help you get an interlibrary loan.

To help staff out please find the item you are looking for in <http://www.worldcat.org> before asking.

## Databases

### EBSCO Host

- Provides online access to several math and science databases.
  - Academic Search Elite
  - Environmental Complete
  - Green FILE

### Credo Reference

- Encyclopedic entries on Math and Science. A good place to start when you are beginning a new topic.

## Print Journals

### **Audubon**

QL 671 .A82

### **Animal Welfare Quarterly (AWI)**

QL 737 .C4 W45

### **Discover**

Q 1 .D57

### **Montana Archeological Society**

CC 21 .A82

### **National Wildlife**

S 964.66 .N35

### **Natural History**

QH 1 .N13

### **Outdoor Life**

SK 1 .O7

### **Popular Science**

AP 2 .P8

### **Scientific American**

T 1 .S5

## Websites

### **Citing Sources**

- APA Style Blog  
<http://blog.apastyle.org/apastyle/>
- Online Writing Lab at Purdue  
<http://owl.english.purdue.edu/owl/>

### **Montana Data**

- Montana Natural Heritage Program  
<http://mtnhp.org/>
- Montana Department of Natural Resources and Conservation  
<http://www.dnrc.mt.gov>
- Montana Geographic Information  
<http://geoinfo.msl.mt.gov>

### **National Data**

- Atmospheric Science Data Center  
<https://eosweb.larc.nasa.gov>
- EPS Science Inventory  
<http://cfpub.epa.gov/si/>
- National Science Foundation  
<http://www.nsf.gov>
- National Wildlife Research Center  
[http://www.aphis.usda.gov/wildlife\\_damage/nwrc/publications/nwrc\\_index.shtml](http://www.aphis.usda.gov/wildlife_damage/nwrc/publications/nwrc_index.shtml)
- Science.gov  
<http://www.science.gov>
- Tree Search  
<http://www.treesearch.fs.fed.us>

### **Study Aides**

- Khan Academy  
<https://www.khanacademy.org>