

Metadata and Faceted Searching

An Implementation Report

Based on WPopac

ALA Midwinter 2007, Seattle
Casey Bisson

online now at
<http://MaisonBisson.com>

“Bagged Products”

Caruso

Landscaping
Caruso Brothers
Garden Center

FATHERS DAY SALE
15% OFF TREES & SHRUBS
JUNE 16 - 18

Nursery
Stock

Pavers

**Bagged
Products**



What is WPopac?

- A faceted search and browsing system
- Based on WordPress
- Open source & free

What are facets?

- Aggregated metadata
 - ...subjects, authors, language, publication year, and others...
 - ...grouped or clustered, and displayed to the user

What are facets?

What are facets?

format

Books (86)

Video (3)

Audio (3)

Classroom Material (1)

What are facets?

format

Books (86)

Video

Audio

Class

subject

Fiction (27)

Juvenile literature (15)

Future life (10)

Science fiction. (8)

Death (7)

sears (7)

History (6)

What are facets?

pubyear

2002 (9)

1999 (9)

2005 (7)

1993 (6)

1992 (6)

1991 (5)

1996 (5)

1994 (5)

mat

(6)

subject

fiction (27)

juvenile literature (15)

future life (10)

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Death (7)

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What are fa

pubyear

2002 (9)
1999 (9)
2005 (7)
1993 (6)
1992 (6)
1991 (5)
1996 (5)
1994 (5)

mat

36)

subject

fiction (27)
juvenile literature (15)
future life (10)
science fiction. (8)
Death (7)
sears (7)
History (6)

author

Calvetti, Leonello, (5)
Dickens, Charles, 1812-1870 (3)
Bartolozzi, Alessandro, (3)
Cecchi, Lorenzo, (3)
Cannarella, Deborah (3)
Fournier, Jane, 1955- (3)
Fradin, Dennis B (2)
Sagan, Carl, 1934- (2)



Library Hours

Open 10:00 AM, Sat Jan 20
Closed all day, Sun Jan 21
Open 10:00 AM, Tue Jan 23
History Room Open 2:00 PM, Tue Jan 23

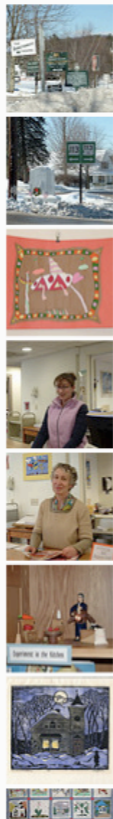
Upcoming Events

Teens Talk Books 3:30 PM, Tue Jan 23

Holidays

No events found

Photos



Searched for:

Keyword: future [x]
1 2 3 4 5 6 7 next >
97 matching results

The Future Of Life

April 8th, 2003 | Edit

Book 2003
>>> there's more, read it all



Posted by admin | Comments (0)

Future Shock

June 14th, 1976 | Edit

Book 1970
tags: Social history · 1945- · Social change · Civilization, Modern · 1950- · Regression (Civilization)
>>> there's more, read it all

Posted by admin | Comments (0)

Speck Of The Future. #3

November 30th, 1999 | Edit

Ken Burns. Classroom Material
tags: Videocassette
>>> there's more, read it all

Posted by admin | Comments (0)

The Once And Future Spy

July 12th, 1994 | Edit

Robert Littell
Book 1990
>>> there's more, read it all

Posted by admin | Comments (0)

Scope

Our Catalog
News & Events
Entire Site

category

Catalog (93)
News (4)

format

Books (86)
Video (3)
Audio (3)
Classroom Material (1)

subject

Fiction (27)
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gsafd (5)

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Cecchi, Lorenzo, (3)
Cannarella, Deborah (3)
Fournier, Jane, 1955- (3)
Fradin, Dennis B (2)
Sagan, Carl, 1934- (2)

tag

computers (1)
internet (1)
laptops (1)

Keyword

310 results found. sorted by date.
Result Page [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) ... [26](#) [Next](#)

Save All On Page

Keywords (1-12 of 310)

1

[Visual cultures of science : rethinking representational practices in knowledge building and science](#)



Hanover, N.H. : Dartmouth College Press : University Press of New England, c2006
Q223 .V574 2006
[Click for location and availability information.](#)

Save

2

[Families & change : coping with stressful events and transitions / editors, Patrick C. McKenry, Shar](#)



Thousand Oaks, Calif. : Sage Publications, c2005
HQ536 .F332 2005
[Click for location and availability information.](#)

Save

3

[Facilitating watershed management : fostering awareness and stewardship / edited by Robert L. France](#)



Lanham : Rowman & Littlefield Publishers : Distributed by National Book Network, c2005
TC409 .F33 2005
[Click for location and availability information.](#)

Save

4

[Encyclopedia of social welfare history in North America / editors, John M. Herrick and Paul H. Stuar](#)

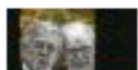


Thousand Oaks, Cali. : Sage Publications, c2005
HV12 .E497 2005
[Click for location and availability information.](#)

Save

5

[Capitalists and conquerors : a critical pedagogy against empire / Peter McLaren](#)



McLaren, Peter, 1948-
Lanham, MD : Rowman & Littlefield Publishers, c2005

Save

Keyword sociology of education View Entire Collection Search

310 results found. sorted by date.
Result Page 1 2 3 4 5 6 7 8 9 10 11 ... 26 Next

Save All On Page

Keywords (1-12 of 310)

1

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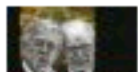


Thousand Oaks, Cali. : Sage Publications, c2005
HV12 .E497 2005
[Click for location and availability information.](#)

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[Capitalists and conquerors : a critical pedagogy against empire / Peter McLaren](#)



McLaren, Peter, 1948-
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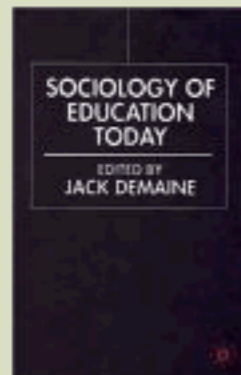
Save

Searched for:

- keyword: sociology of education

Search Results:

Sociology Of Education Today



2001 / book / edited by Jack Demaine

subject keys: » Educational sociology

[find more like this](#) | [more details](#) | [no comments](#) »

History, Sociology, And Education

1971 / book /

subject keys: » Education » History » Educational sociology

[find more like this](#) | [more details](#) | [no comments](#) »

Refine Your Search

subjkey

- » Educational Sociology (122)
- » Education (83)
- » United States (59)
- » History (22)
- » Sociology (22)
- » Aims And Objectives (16)
- » Philosophy (12)
- » Great Britain (11)
- » Education, Higher (8)
- » Education And State (8)
- » Teaching (6)
- » Multicultural Education (5)
- » Educational Equalization (5)
- » Social Aspects (5)
- » Educational Anthropology (5)
- » Minorities (4)

author

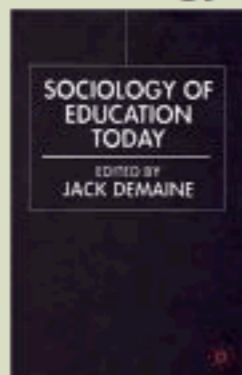
- » Carnoy, Martin (3)
- » Katz, Michael B., 1939- (3)
- » King, Ronald, 1934- (2)
- » Silver, Harold (2)
- » Illich, Ivan, 1926- (2)
- » Russell, Bertrand, 1872-1970 (2)
- » King, Edmund James, 1914- (2)
- » Norton, John Kelley, 1893- (2)
- » King, Edith W. (2)

Searched for:

- keyword: sociology of education

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subject keys: » Educational sociology

[find more like this](#) | [more](#)

History, Sociology, And Education

1971 / book /

subject keys: » Education » History » Educational sociology

[find more like this](#) | [more details](#) | [no comments](#) »

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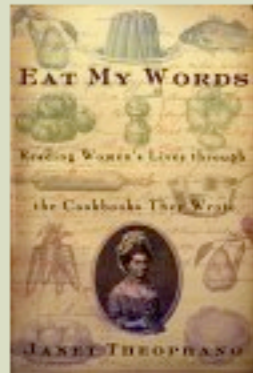
» King, Edith W. (2)

Searched for:

- keyword: cookbooks

Search Results:

Eat My Words : Reading Women's Lives Through The Cookbooks They Wrote



2002 / book / Janet Theophano

subject keys: » [Food writing](#) » [History](#) » [Women food writers](#)

[find more like this](#) | [more details](#) | [no comments](#) »

Recipes For Reading : Community Cookbooks, Stories, Histories



1997 / book / edited by Anne L. Bower

subject keys: » [Community cookbooks](#) » [History](#) » [Women's studies](#)

Refine Your Search

subjkey

- » [United States](#) (4)
- » [Cookery, American](#) (3)
- » [History](#) (3)
- » [New England Style](#) (2)
- » [Food Habits](#) (2)
- » [Social Life And Customs](#) (2)
- » [Popular Works](#) (2)
- » [Austen, Jane, 1775-1817](#) (1)
- » [Cookery, English](#) (1)
- » [Literary Cookbooks](#) (1)
- » [England](#) (1)
- » [CD-ROMs](#) (1)
- » [Catalogs](#) (1)
- » [Libraries](#) (1)
- » [Special Collections](#) (1)
- » [Community Cookbooks](#) (1)

author

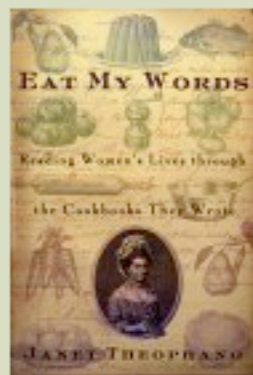
- » [Matthews, Dawn D](#) (2)
- » [Taylor, Sandra, 1957-](#) (1)
- » [Black, Maggie](#) (1)
- » [Le Faye, Deirdre](#) (1)
- » [Dewey, Patrick R., 1949-](#) (1)
- » [Bower, Anne](#) (1)
- » [Gabaccia, Donna R., 1949-](#) (1)
- » [Theophano, Janet](#) (1)
- » [Counihan, Carole, 1948-](#) (1)

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- keyword: cookbooks

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Eat My Words : Reading Women's Lives Through Cookbooks They Wrote



2002 / book / Janet Theophano

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[find more like this](#)

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- » Theophano, Janet (1)
- » Counihan, Carole, 1948- (1)

Cookery 153
Cookery, American 47
Cookery, French 32
Cookery, International 26
Cookery, Italian 21
Cookery, English 20
Cookery, Chinese 10
Cookery (Vegetables) 10
Cookery (Herbs) 10
Cookery, Mexican 9
Cookery, Mediterranean 9
Cookery (Wild Foods) 8
Cookery, Latin American 7
Cookery, Jewish 7
Cookery (Natural Foods) 7
Cookery, Indic 7
Cookery, Medieval 7
Cookery, Spanish 6

650 \$a cookery, indic

650 \$a cookery \$a indic

Beyond BROWN Paper




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[RSS](#) 

Browsing:

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750 matching results

Item #1119

December 12th, 2006
No Comments



Item #1118

December 12th, 2006
No Comments



Item #1116

December 11th, 2006
1 Comment



Item #1115

December 11th, 2006
2 Comments



Item #1114

December 11th, 2006
No Comments



Item #1113

December 11th, 2006
No Comments



Item #1112

December 11th, 2006

Item #1111

December 11th, 2006

Item #1110

December 11th, 2006

SEARCH IT!

To search, type and hit enter

TAG

- [Exterior](#) (207)
- [Interior](#) (187)
- [Portrait](#) (50)
- [Display](#) (43)
- [group](#) (14)

SUBJECT

- [La Tuque](#) (57)
- [Logs](#) (38)
- [Equipment](#) (27)
- [Winter](#) (25)
- [safety](#) (17)
- [Trucks](#) (14)
- [Road](#) (14)

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Item #1119

December 12th, 2006
No Comments



Item #1118

December 12th, 2006
No Comments



Item #1117

December 11th, 2006
1 Comment



Item #1115

December 11th, 2006
2 Comments



Item #1114

December 11th, 2006
No Comments



Item #1113

December 11th, 2006
No Comments



Item #1112

December 11th, 2006

Item #1111

December 11th, 2006

Item #1110

December 11th, 2006

SUBJECT

- [La Tuque \(57\)](#)
- [Logs \(38\)](#)
- [Equipment \(27\)](#)
- [Winter \(25\)](#)
- [safety \(17\)](#)
- [Trucks \(14\)](#)
- [Road \(14\)](#)
- [Bleachery \(13\)](#)
- [Bermico \(12\)](#)
- [Burgess Mill \(12\)](#)
- [Cascade Mill \(11\)](#)

■ [Trucks \(14\)](#)

■ [Road \(14\)](#)

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Browsing:

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750 matching results

Item #1119

December 12th, 2006
No Comments



Item #1118

December 12th, 2006
No Comments



Item #1115

December 11th, 2006
2 Comments



Item #1114

December 11th, 2006
No Comments



Item #1112

December 11th, 2006

Item #1111

December 11th, 2006

SUBJECT

- [La Tuque \(57\)](#)

PERSON

- [Warren Beckler \(2\)](#)
- [William Isherwood \(2\)](#)
- [Alfred Watt \(1\)](#)
- [Marois \(1\)](#)
- [Fred Shelhorn \(1\)](#)
- [Roger Girard \(1\)](#)
- [Jeannette Dupuis \(1\)](#)
- [Frank Mortenson \(1\)](#)
- [Linwood Johnson \(1\)](#)
- [Mr. Whittemore \(1\)](#)
- [Al Penney \(1\)](#)

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Browsing:

[< prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

750 matching results

Item #1119

December 12th, 2006
No Comments



Item #1118

December 12th, 2006
No Comments



Item #1115

December 11th, 2006
2 Comments



Item #1114

December 11th, 2006
No Comments



Item #1112

December 11th, 2006

Item #1111

December 11th, 2006

SUBJECT

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- [Frank Mortenson \(1\)](#)

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- [Al Penney \(1\)](#)

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Browsing:

[< prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

750 matching results

Item #1119

December 12th, 2006
No Comments



Item #1118

December 11th, 2006
No Comments



Item #1115

December 11th, 2006
2 Comments



Item #1112

December 11th, 2006

SUBJECT

- [La Tuque \(57\)](#)

PERSON

- [Warren Beckler \(2\)](#)

TAG

- [Exterior \(207\)](#)

YEAR

- [1950 \(123\)](#)

MONTH

- [November \(62\)](#)
- [January \(42\)](#)
- [October \(39\)](#)
- [March \(35\)](#)

Beyond BROWN Paper




[BROWSE](#)

[ABOUT](#)

[CONTACT](#)

[LINKS](#)

[RSS](#) 

Browsing:

- person: [William Isherwood](#) [x]

[< prev](#) [1 next >](#)

2 matching results

Item #739

November 29th, 2006
No Comments



[< prev](#) [1 next >](#)

2 matching results

Item #738

November 29th, 2006
No Comments



SEARCH IT!

To search, type and hit enter

TAG

- [Interior](#) (2)

SUBJECT

- [Telephone](#) (2)
- [Telephone system](#) (2)
- [Automatic telephone system](#) (2)

PERSON

- [William Isherwood](#) (2)

MONTH

- [December](#) (2)

YEAR

- [1946](#) (2)

Cook Memorial Library

[HOME](#)[ABOUT](#)[EVENTS](#)[FOR KIDS](#)[SERVICES](#)[BROWSE](#) ↓

Library Hours

Open
10:00 AM, Sat Jan 20

Closed
all day, Sun Jan 21

Open
10:00 AM, Tue Jan 23

History Room Open
2:00 PM, Tue Jan 23

Upcoming Events

Teens Talk Books
3:30 PM, Tue Jan 23

Holidays

No events found

Inspector Lynley Mysteries: For The Sake Of Elena

November 30th, 1999 | [Edit](#)

- Classroom Material
- subject:
 - Videocassette

tags: **videocassette**

reader contributed tags: **trustee comments**

Related:

- Apollo 13
- Yosemite
- Yellowstone
- I'm A Fool
- Grand Canyon

Posted by admin |

subject

Videocassette

tag

trustee comments

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Search



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3:30 PM, Tue Jan 23

Holidays

No events found

Browsing:

- Author: **Joyce, James** [x]

< prev **1** next >

2 matching results

Finnegan's Wake

November 30th, 1999 | [Edit](#)

▪ Book 1939

> > > there's more, read it all

Posted by admin | [Comments \(0\)](#)

A Portrait Of The Artist As A Young Man

format

Books (2)

pubyear

5555 (1)

1939 (1)

author

Joyce, James (2)

Cook Memorial Library

[HOME](#)[ABOUT](#)[EVENTS](#)[FOR KIDS](#)[SERVICES](#)[BROWSE](#) ↓

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10:00 AM, Tue Jan 23
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2:00 PM, Tue Jan 23

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Teens Talk Books
3:30 PM, Tue Jan 23

Holidays

No events found

Browsing:

- Author: **Joyce, James, 1882-1941** [x]

< prev **1** next >

1 matching result

James Joyce's Dubliners

August 4th, 1995 | [Edit](#)

- [edited by] John Wyse Jackson & Bernard McGinley
Book 1993
- tags: **City and town life** · **Ireland** · **Dublin** · **Fiction** · **Dublin (Ireland)**

> > > there's more, read it all

Posted by admin | [Comments \(0\)](#)

< prev **1** next >

1 matching result

format

Books (1)

subject

Fiction (1)
Dublin (Ireland) (1)
City and town life (1)
Ireland (1)
Dublin (1)

pubyear

1993 (1)

author

Jackson, John Wyse (1)
McGinley, Bernard (1)
Joyce, James, 1882-1941 (1)

Conclusions

- Facets improve usability
- Aggregation changes how we use metadata
- Good metadata is more important than ever

Questions?

Extend the discussion:

casey@scriblio.net

<http://MaisonBisson.com>