

## Using **ERL WebSPIRS<sup>5.1</sup>** Databases

<p><b>Getting There:</b> From University libraries' page, click <b>E-Resource List (A-Z)</b>. In the scrolling alphabetical list, select <b>ERL Databases</b> and click <b>Go There</b>. You may also access individual databases by their titles in the same scrolling list.</p>		
<p><b>Databases Available:</b>                  Art Abstracts (9/84-)                  Art Index (1929-1984)                  Biological Abstracts (1969- )                  EconLit (1969- )                  Education Full Text (6/83- )</p>		<p>Health &amp; Psychosocial Instruments (1985-)                  Index to Film Periodicals (1972- )                  Index to TV Periodicals (1979- )                  Mental Measurements Yearbook (current edition)                  The Philosopher's Index (1940- )</p>
<p>One or more databases may be selected to search. After making database selections, click <b>Start Searching</b>.</p>	<p>At the search screen, clicking on <b>Change Database(s)</b> (at top, next to the list of databases being searched) allows you to return to selecting databases.</p>	<p>At the search screen, clicking on <b>Database Guide</b> (top right) opens the Database Guide pop-up window where you can see the online guides for any of the databases you are searching.</p>

### ADVANCED SEARCH SCREEN

The screenshot shows the ERL WebSPIRS 5.1 search interface. At the top, there are navigation links: Search | SDI | Database Guide | Help | Logout. Below this, it indicates 'Searching 3 databases: Education Full Text(4/05-5/06,1/00-3/05,6/83-12/99)' with a 'Change Database(s)' button. The search mode is set to 'Advanced'. There are three search terms entered: 'elementary school\*', 'teaching methods', and 'math\*'. Each term has a dropdown menu for 'in: (Terms anywhere)'. There are radio buttons for 'AND', 'OR', and 'NOT' between the terms. On the right, the 'Limit Search To' section has a checkbox for 'Published after 2000' which is checked. There are 'More' and 'Clear' buttons next to the limit options. A 'Search' button is at the bottom.

### COMBINING CONCEPTS AND TERMS

<p><b>Combine concepts</b>  <b>Include synonyms</b>  <b>Exclude concepts</b></p>	<p><b>Use AND to retrieve records with all terms:</b> dyslexia and treatments</p>
	<p><b>Use OR to retrieve any or all concepts:</b> leadership qualities or leadership style</p>
	<p><b>Use NOT to exclude concepts or words:</b> teachers not preschool</p>

### TRUNCATION / WILDCARD

<p><b>unlimited right</b></p>	<p>Add asterisk to word: <i>cognit*</i> retrieves cognition, cognitive, cognitively, etc.</p>
<p><b>one-character or no-character</b></p>	<p>Place question mark where character could occur:  <i>behavio?r</i> retrieves behavior or behaviour ; <i>cat?</i> retrieves cat or cats</p>

### USING LIMITS

<p>"Limit search to:" at right of search boxes helps to reduce the number of results. The basic one shown is "Published after 2000"                  Click <b>More</b> to see available search limits.                  After selecting limits, click <b>OK</b>.</p>	<p>The two most frequently used limits are:</p> <ul style="list-style-type: none"> <li>• publication year</li> <li>• language of article</li> </ul> <p>Other limits vary by database.                  Limits may be set at any time during a search.</p>
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## RESULTS LIST

Notice the number of results, and refine if too many.

Above first item is the search you performed

**TI**=article title

**AU**=author

**SO**=source (journal title, volume, issue, date, pages)

**DE**=descriptors, or subjects

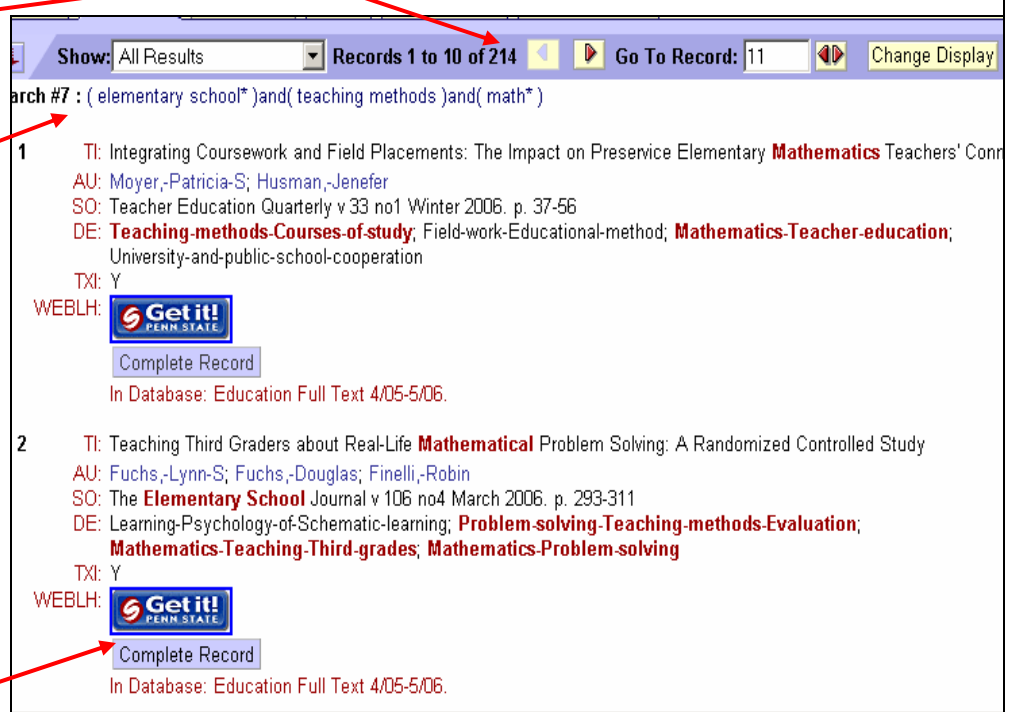
**TXI**=full text indicator (yes or no). Note that this will be text only, often without tables.

**WEBLH**= web link to full text or ordering info


(See  below)


**Complete Record**

includes above information plus the abstract (if available) and another link to Get It!



Search #7 : ( elementary school\* )and( teaching methods )and( math\* )

1 TI: Integrating Coursework and Field Placements: The Impact on Preservice Elementary **Mathematics** Teachers' Contr  
AU: Moyer, Patricia-S; Husman, Jenefer  
SO: Teacher Education Quarterly v 33 no1 Winter 2006. p. 37-56  
DE: **Teaching-methods-Courses-of-study**; Field-work-Educational-method; **Mathematics-Teacher-education**;  
University-and-public-school-cooperation  
TXI: Y  
WEBLH:   
Complete Record  
In Database: Education Full Text 4/05-5/06.




2 TI: Teaching Third Graders about Real-Life **Mathematical** Problem Solving: A Randomized Controlled Study  
AU: Fuchs, Lynn-S; Fuchs, Douglas; Finelli, Robin  
SO: The **Elementary School** Journal v 106 no4 March 2006. p. 293-311  
DE: Learning-Psychology-of-Schematic-learning; **Problem-solving-Teaching-methods-Evaluation**;  
**Mathematics-Teaching-Third-grades**; **Mathematics-Problem-solving**  
TXI: Y  
WEBLH:   
Complete Record  
In Database: Education Full Text 4/05-5/06.

Note: Search terms (e.g. elementary school or schools) may be in the abstract if not visible on the results list

## REFINING YOUR SEARCH

Ways to refine your search:

- Scan relevant items in the results list for more terms you can use in a revised search.
  - Adding terms with AND will bring back fewer results.
  - Descriptors (or subject terms) are especially useful for getting more targeted results
- Search in specific fields, such as author name or descriptor/subject.

From any page displaying search results you can click:  **Print**  **Save**  **Send e-mail**  
(These are on the far right of the screen) Follow directions in the dialog boxes that will open.  
You will need a disk or a key drive to save from a campus computer.

## GETTING FULL TEXT

Each article in a results list will have a  link. This will:

- find the article in any of our other full text sources (when available)
- link to the CAT to see if Penn State owns other formats of the publication
- link to ILLiad (the Interlibrary Loan system) to request it be sent to you if a print or electronic version is not at your campus.

See a librarian for assistance with these options.

Please **Logout** (at top right of screen) when finished.