

Learn to Teach the Research Process

STAGE 1: Define
Explore
Identify
Relate

PREPARING FOR RESEARCH

STAGE 2: Locate
Select
Gather
Collaborate

ACCESSING RESOURCES

STAGE 3: Analyse/Evaluate
Test
Sort
Synthesize

PROCESSING INFORMATION

STAGE 4: Revise
Present
Reflect
Transfer

TRANSFERRING LEARNING

Design Creative Research Projects

Work with teacher-librarians to learn about:

Designing research projects that will interest your students.



Using technology to enhance and communicate learning (video, PowerPoint, webquest, audio interview, game)

Collaborative learning techniques (jigsaw, poster tour, learning centres)



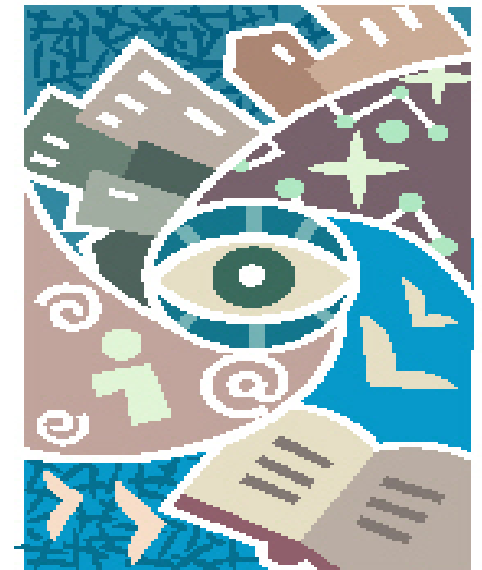
Teaching the research and inquiry process.

Analyzing information through concept maps and graphic organizers.



Alternative Links @Your Library

Explore an Alternative Practicum @Your Library



Guide for Teacher Candidates

Work With Your Librarians

Teacher candidates at Queen's select an alternative teaching placement each spring that is associated with the Focus course they are taking. Many of these courses find a connection to school, public, and academic libraries; museums; and resource centres.

If you are interested in library-related work, please speak to your Education librarians about a setting that meets your needs. We can review opportunities for working with local teacher-librarians and describe placements from previous years. Librarians who are interested in hosting a teacher candidate for a three-week placement March 19 - April 6, 2007, are invited to contact Corinne Laverty via email: lavertyc@post.queensu.ca.



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Kingston ON K7L 3N6

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education.library@queensu.ca](http://library.queensu.ca/webedu/education.library@queensu.ca)
phone: (613) 533-3193;
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Examples of Library Placements

In Queen's Education Library

- Create resource kits consisting of games and exercises for different grade levels on a current topical issue such as bullying.
- Explore webquests and design one for your curriculum area.
- Develop a unit of work such as an annotated resource list with activities on international novels for the high school English classroom.
- Identify books at different reading levels for a specific curriculum unit.
- Design an introduction to web searching for a specific grade in connection with a research project.
- Collect teaching exercises, games, and software on hard-to-teach concepts in your field such as mathematical probability.
- Test Ontario Ministry of Education software related to your curriculum. Examples include Zap-A-Graph; Math Trek; Geometer's Sketchpad; and Robolab.

Examples of Library Placements

In elementary and secondary school libraries across the province:

- Team teach the research process along side teachers and teacher-librarians as students explore projects in the library. Three high school libraries hosted students last year and others in the province are interested. One placement was done in an elementary school library in Hawaii.

Public Libraries

- Teach research and web searching skills to children, teens, and adults. Learn about children's and teen literature. The Toronto Public Library participated last year.

Native Resource Centres

- Select and organize teaching materials for the local community.

Library Archives

- Develop curriculum materials for children using primary sources.

The Walrus Magazine (Toronto)

- Organize teaching resources for their website or other teaching journals.

Museums

- Consider the Museum of Civilization or the Royal Ontario Museum.