

# INQUIRY-BASED LEARNING (IBL)

## IBL DEFINED

### IBL WEBSITES

[HTTP://  
WWW.QUEENSU.  
CA/CTL/](http://www.queensu.ca/ctl/)

[HTTP://  
WWW.SCHREYE  
RINSTITUTE.PS](http://www.schreyer.institute.ps)

[HTTP://  
CTL.BYU.EDU/  
HOME/](http://ctl.byu.edu/home/)

[HTTP://  
WWW.CE.UMN.E  
DU/~SMITH/](http://www.ce.umn.edu/~smith/)

[HTTP://  
EDUS-  
CAPES.COM/](http://edus-capes.com/)

Inquiry is defined as a “systematic process for using knowledge and skills to acquire and apply new knowledge”.

( [www.pde.state.pa.us/  
a\\_and\\_t/lib/a\\_and\\_t/  
Science\\_Glossary.doc](http://www.pde.state.pa.us/lib/a_and_t/lib/a_and_t/Science_Glossary.doc) )

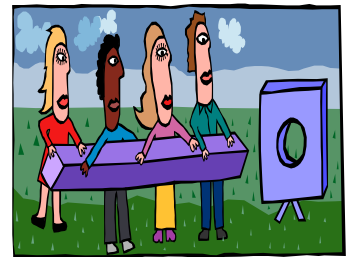
The use of this process allows for learners to make connections between events and learn about the world around them. It is a natural process to be cultivated throughout the educational program in order for the student to develop

authentic questioning abilities, to look for unique solutions that go beyond a single correct answer, and to view a problem from a different perspective thus opening the door for new and innovative approaches to problem solving.

Students learn inquiry skills best through well-designed problems that are anchored in content and based in real-world scenarios. Linking content and process gives investigations a purpose and

makes them more meaningful to students.

Problem- and project-based learning are two of many strategies that sup-



port inquiry-based learning.

([http://www.udel.edu/  
pbl/cte/jan95-what.html](http://www.udel.edu/pbl/cte/jan95-what.html))

### Technology Tools

- Online library databases and websites for research
- Brainstorming, organizing and managing information with Web-spiration or Inspiration
- Blackboard Wiki, blog, discussion board, or free Web 2.0 tools for collaboration

## TECHNOLOGY SUPPORT FOR IBL

Technology can support the IBL process for learners to:

- Research and investigate problems and questions

- Manage information

[http://  
mywebspiration.com/](http://mywebspiration.com/)

[http://  
www.inspiration.com/](http://www.inspiration.com/)

- Share information
- Collaboratively problem-solve
- Collaboratively develop and create products