

INFORMATION LITERACY OUTCOMES ASSESSMENT

AT THE COUNTY COLLEGE OF MORRIS

PRESENTED BY LYNEE RICHEL
COORDINATOR FOR INSTRUCTIONAL SERVICES



GRAPHICS & DESIGN BY AMY SCIUTO

PROJECT TEAM

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Lynee Richel, Coordinator for Instructional Services

INFORMATION LITERACY, OUTCOMES ASSESSMENT AND INNOVATIVE USE OF TECHNOLOGY

- ♦ Turning Point software and a classroom response system to immediately survey student understanding throughout a lecture
- ♦ SynchronEyes software for outcomes assessment pretests and posttests

BACKGROUND

- ♦ MSCHE requirements on outcomes assessment
- ♦ MSCHE requirements on information literacy
 - Since 2002, IL has been included in the standards of “Characteristics of Excellence in Higher Education”
- ♦ Two instruction coordinators failed to get a for-credit course requirement for Information Literacy approved by the CCM Curriculum Committee
- ♦ Difficult to get the majority of faculty into the library for multiple sessions

OBJECTIVES

- ♦ Provide immediate outcomes assessment data so teaching techniques can be adjusted
- ♦ Provide outcomes assessment data for the “one-shot” information literacy instruction session

TURNING POINT SOFTWARE

- ◆ www.turningtechnologies.com
- ◆ Allows a PowerPoint presentation to become interactive
- ◆ Collects real-time responses
- ◆ Displays questions and opinion polls
- ◆ Evaluates collective understanding at point of instruction
- ◆ Tracks individual understanding
- ◆ Works with many keypad models
- ◆ Increases student involvement, comprehension, retention

FACULTY USE OF INTERACTIVE CLASSROOM RESPONSE SYSTEM

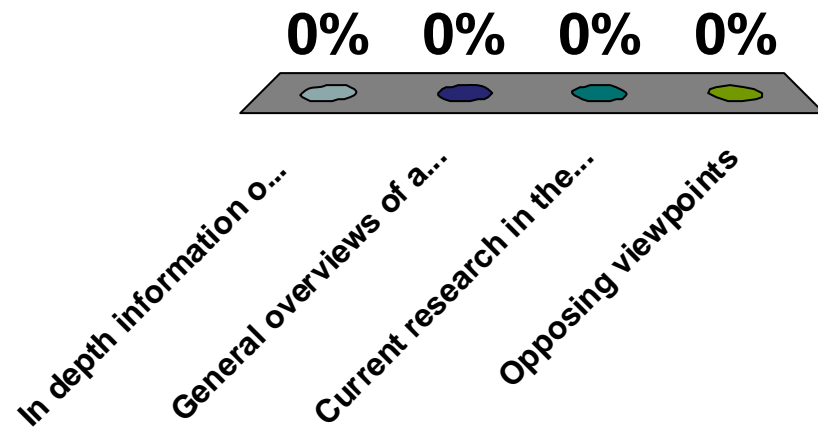
- ♦ Chronicle of Higher Education Article
 - Carnevale, Don. “Run a Class Like a Game Show; “Clickers Keep Students Involved.”
[Chronicle of Higher Education](http://chronicle.com/free/v51/i42/42b00301.htm) 6/24/05
chronicle.com/free/v51/i42/42b00301.htm
 - Biology, Health, Science, and Nursing Classes

Concepts in Biology

Professor Ling

What are Reference Books used for?

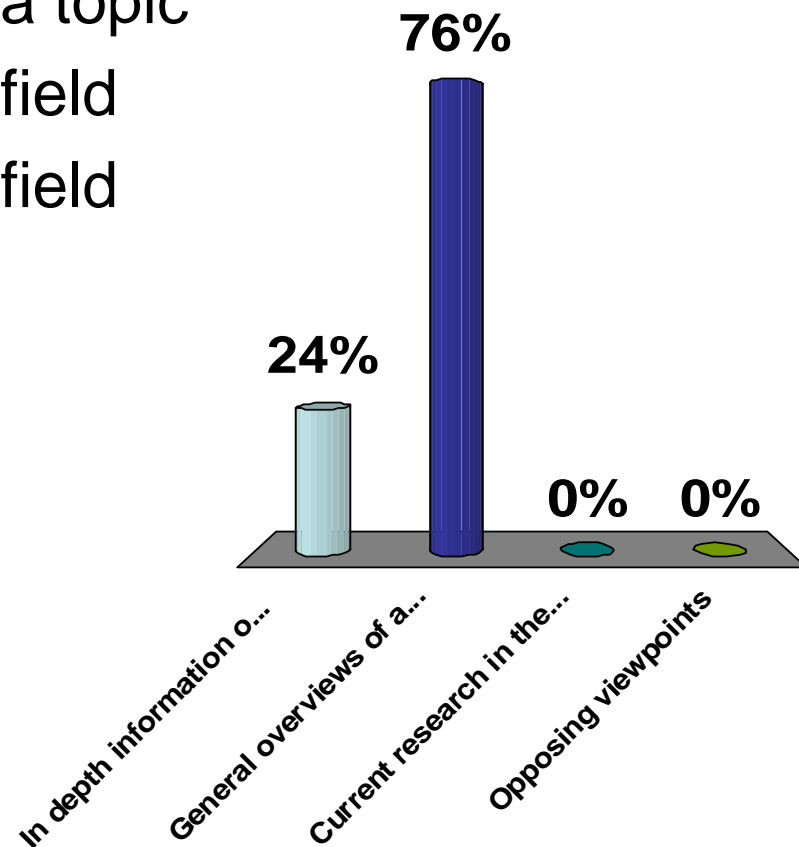
1. In depth information on a topic
2. General overviews of a field
3. Current research in the field
4. Opposing viewpoints



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					

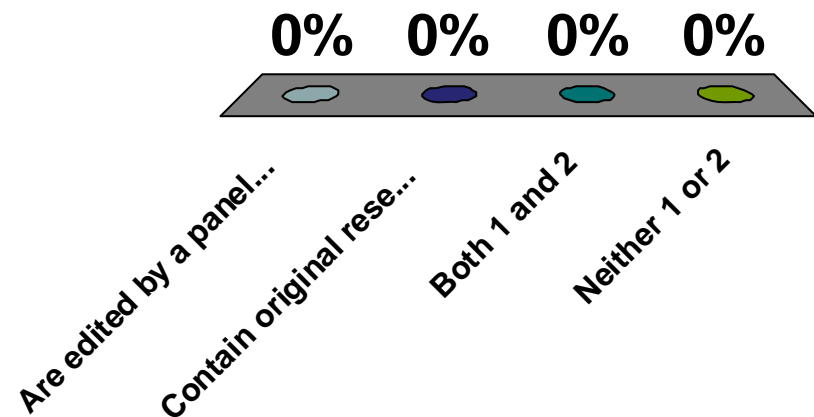
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Scholarly journals?

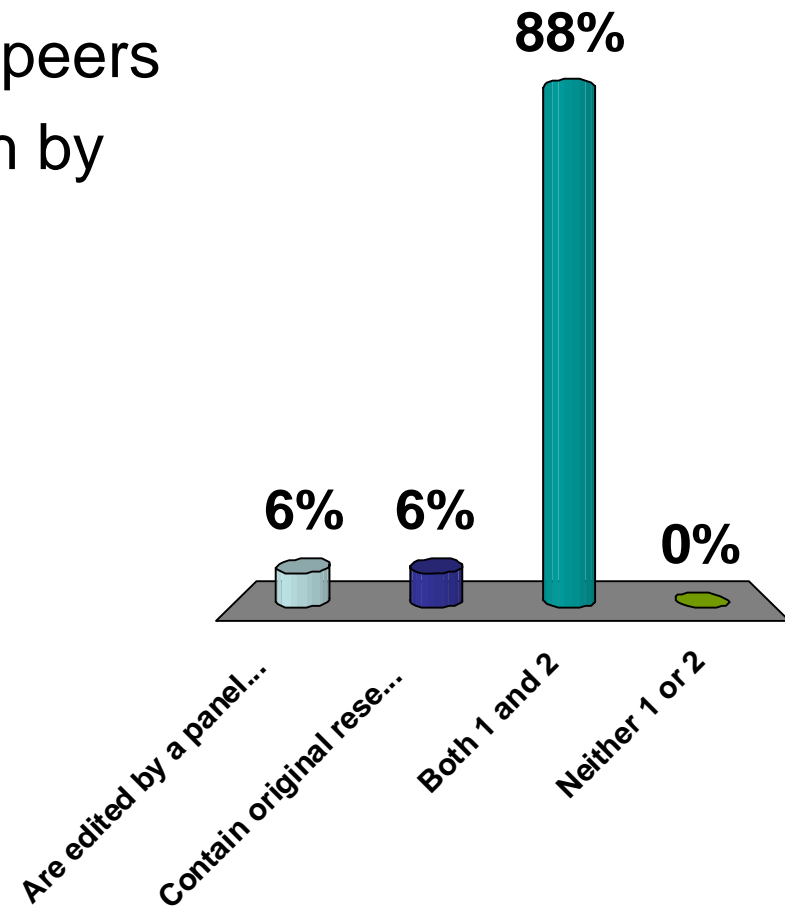
1. Are edited by a panel of peers
2. Contain original research by degreed authors
3. Both 1 and 2
4. Neither 1 or 2



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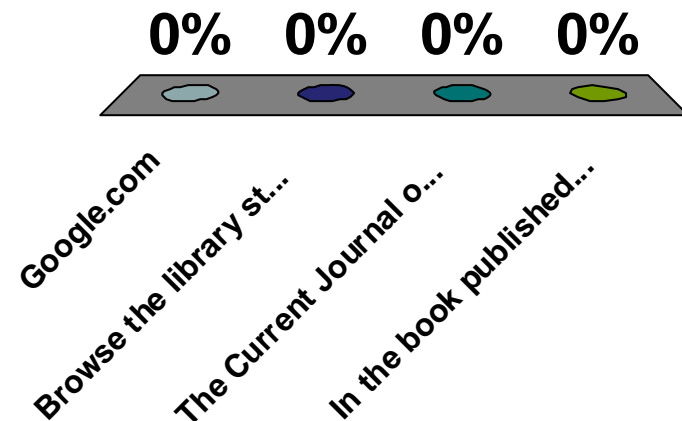
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What is the best place to find recent scholarly journal articles on your topic?

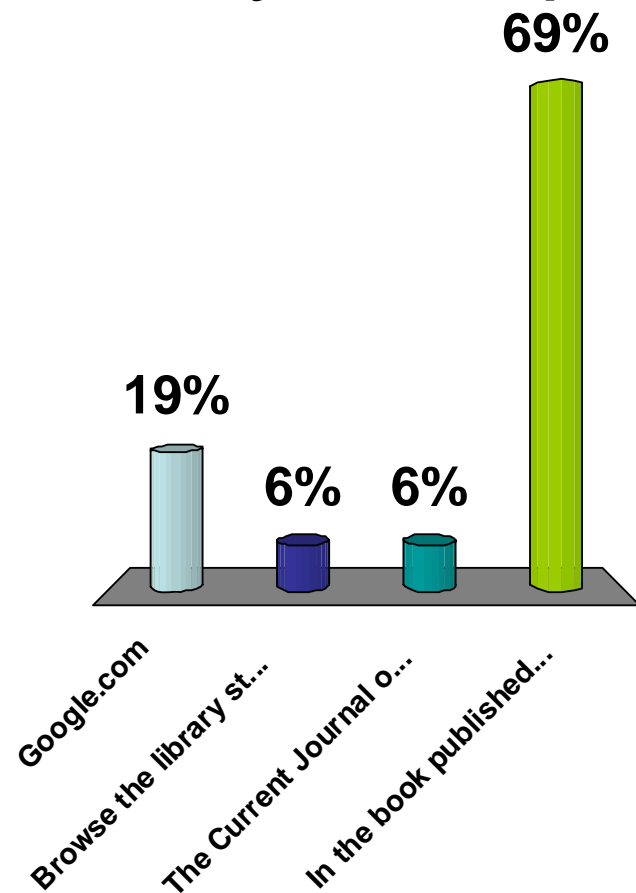
1. Google.com
2. Browse the library stacks
3. The Current Journal of Biology
4. Electronic Indexes and Databases



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PRE AND POST TESTS

- ◆ Some faculty didn't want to use Turning Point Software in their classes
- ◆ Manually correcting post-class quizzes was time consuming
- ◆ Post-tests alone don't necessarily show a positive outcomes assessment
- ◆ Difficult to get faculty to administer the pretests

SYNCHRONEYES SOFTWARE

- ◆ www.smarttech.com/synchroneyes
- ◆ Classroom management tool
- ◆ Allows classroom control through keyboard locks and screen monitoring
- ◆ Broadcasts screens
- ◆ Includes a quiz wizard function
 - true/false, matching, multiple choice

Summary of Pretest Results

BIStudent25	3/5	60%	BIStudent27	2/5	40%
bistudent18	3/5	60%	Bistudent13	2/5	40%
bistudent10	2/5	40%	bistudent23	3/5	60%
BIStudent1	3/5	60%	BIStudent15	2/5	40%
BIStudent8	1/5	20%	bistudent3	4/5	80%
Bistudent22	3/5	60%	bistudent14	5/5	100%
BIStudent20	3/5	60%	bistudent6	5/5	100%
bistudent5	4/5	80%	BIStudent2	3/5	60%
BIStudent16	4/5	80%	BIStudent11	2/5	40%
bistudent24	4/5	80%			
Class Average	3/5	61%			

SYNCHROEYES QUIZ RESULTS

- ◆ Increased scores by 34%
- ◆ Provided feedback on individual responses
- ◆ Provided faculty with a copy of the test with correct answers
- ◆ Allowed librarians to easily follow-up with faculty via email on a particular question

BENEFITS TO STUDENTS

- ◆ Gives immediate feedback in the classroom
- ◆ Increases class participation and student involvement
- ◆ Increases student retention of concepts
- ◆ Facilitates visual, auditory, and kinesthetic learning

BENEFITS TO THE INFORMATION COMMUNITY

- ♦ Provides a concrete example of the collection of outcomes assessment data for information literacy
- ♦ Demonstrates to other academic libraries that need to fulfill accreditation requirements that new technologies can be easily incorporated into instruction

IMPACT ON LIBRARY OPERATIONS

- ◆ Requires less paper for outcomes
- ◆ Requires less time for grading
- ◆ Gives an immediate tool to assess teaching effectiveness
- ◆ Diminishes the need for follow-up visits

IMPACT ON THE PERCEPTION OF LIBRARIES IN AN ACADEMIC SETTING

- ◆ Librarians are recognized as innovators in teaching with technology
- ◆ Librarians are invited to give workshops in the Center for Teaching Excellence
- ◆ Librarians have been invited to sit on the college's Information Technologies, Middle States Reports, Distance Education Standards, and Curriculum Committees

CONTACT INFORMATION

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