



# **Pine Grove Area**

SCHOOL DISTRICT

**Grade 10 Library Science**

## **Library Science and Information Literacy**

**November 19, 2009**

### **I. PHILOSOPHY**

The Library Science course of the Pine Grove Area School District has been structured to provide opportunities for students to attain information literacy skills and to foster a lifelong interest in acquiring knowledge. The school library must be a gateway to traditional and state-of-the-art information resources, which will stimulate intellectual curiosity and foster the development of critical thinking, problem solving, and decision making. Working collaboratively with teachers, administrators, and others, the school librarian assumes a pivotal role in the learning community and directs the student-centered program.

## **II. CORE CONCEPTS**

1. Information literacy: find, evaluate, and use information.
2. Technology: utilize current technology to provide efficient access to and effective communication of information.
3. Resource utilization: provide students with skills to properly access appropriate, accurate, and current resources in all formats.
4. Literature: exposure to and appreciation of appropriate literature for both personal interest and learning purposes.
5. Independent learning skills: derive meaning from information presented creatively in a variety of formats.

### **III. COURSE OF STUDY**

Course Name: Grade 10 Library Science

A. Grade Level: 10

B. Length of Course: *One year*

C. Academic Level: Grade 10

D. Credits: n/a

E. Prerequisites: Grade 10 Library Science is a continuation of the 9<sup>th</sup> grade Library Science program.

F. Course Description: Will build upon previously learned concepts and ideas and expose students to concepts of Information Literacy, Technology, Resource Utilization, Literature Appreciation, and Independent Learning. Emphasis will be placed on meeting students' academic abilities and learning styles.

**IV. CONTENT:** Grade 10 Library Science  
**CORE CONCEPT 1:** Information literacy  
**MAJOR OBJECTIVE:** Find, evaluate, and use information

<b>CURRICULUM STANDARD:</b>			
PA State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<p><b>PA Standard 1.8A</b>            Select and refine a topic for research</p>	<p>Analyze reference need</p> <ul style="list-style-type: none"> <li>• Select, narrow, or refine topic</li> <li>• Formulate essential questions and subtopics</li> <li>• Identify type, amount, and format of information needed</li> </ul>	<p>Statement of topic</p> <p>Focus questions</p>	<p>District supplied library resources</p>
<p><b>PA Standard 1.8.8.B</b>            Locate information using appropriate sources and strategies.</p> <ul style="list-style-type: none"> <li>• Determine valid resources for researching the topic, including primary and secondary sources</li> </ul>	<p>Teacher will guide students to:</p> <p>Select basic library operations procedures which include:</p> <ul style="list-style-type: none"> <li>• circulation</li> <li>• checkout procedures</li> <li>• checkout length</li> <li>• location of resources</li> </ul> <p>Review the OPAC and ACCESS PA to locate a variety of materials, specifically:</p> <ul style="list-style-type: none"> <li>• Fact or opinion</li> <li>• Primary or secondary</li> <li>• Statistical</li> <li>• Background/overview or in-depth/comprehensive</li> </ul>	<p>Teacher evaluation of:</p> <p>Student behavior in library.</p> <p>Student use of library facility.</p> <p>Student performance utilizing software.</p> <p>Worksheets</p> <p>Student quiz</p>	<p>Circulation Desk</p> <p>District supplied library resources</p> <p>Library computer lab</p> <p>Software</p> <p>Worksheets</p>

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 1:** Information literacy

**MAJOR OBJECTIVE:** Find, evaluate, and use information

<b>CURRICULUM STANDARD:</b>			
PA State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>PA Standard 1.1.8A</b> Locate appropriate texts (literature, information, documents) for an assigned purpose before reading	Teacher will guide students to:  Select materials most appropriate for: <ul style="list-style-type: none"><li>• Background/overview</li><li>• Fact/opinion</li><li>• Statistical</li><li>• Primary or secondary</li></ul>	Teacher evaluation of:  Student selection of books while in the library	District supplied library resources
<b>Information Lit Standard 1.1.4</b> Find, evaluate, and select appropriate sources to answer questions.	Teacher will guide students to:  Identify clear informational goals <ul style="list-style-type: none"><li>• locate and use appropriate primary sources</li><li>• retrieve relevant information within sources</li><li>• engage, extract, and paraphrase relevant information on notecards</li><li>• critically select and use the most applicable information</li></ul>	Teacher evaluation of:  Circulation selections  Monthly circulation statistics  Pathfinder of resources utilized	District supplied library resources  Librarian generated resources

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 2:** Technology

**MAJOR OBJECTIVE:** Utilize current technology to provide efficient access to and effective communication of information

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>PA Standard 1.8.8.B</b> Locate information using appropriate sources and strategies.  Determine valid resources for researching the topic, including primary and secondary sources	Teacher will guide students to:  Explain the OPAC and ACCESS PA software and understand its basic functions including: <ul style="list-style-type: none"><li>• title search</li><li>• author search</li><li>• call number search</li><li>• subject search</li><li>• keyword search</li></ul>	Teacher evaluation of:  Worksheets  Student use of OPAC and ACCESS PA software	Library computer lab  Software  Worksheets
<b>PA Standard 1.8C</b> Organize, summarize, and present the main ideas from research	Students will distinguish aspects of ethical behavior: <ul style="list-style-type: none"><li>• Intellectual freedom</li><li>• Cybersafety</li><li>• Acceptable Use Policy</li></ul>	Teacher will review procedures	District-supplied library resources
<b>PA Standard 1.8B</b> Locate information using appropriate sources and strategies	Teacher will guide students to distinguish search tool and commands in electronic databases: <ul style="list-style-type: none"><li>• “AND” and “OR” operators</li><li>• Truncation</li><li>• Phrase searching</li><li>• Date searching</li></ul>	Teacher observation	District supplied library resources

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 2:** Technology

**MAJOR OBJECTIVE:** Utilize current technology to provide efficient access to and effective communication of information

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>PA Standard 3.7.7C</b> Explain and demonstrate basic computer operations and concepts. <ul style="list-style-type: none"><li>• Know specialized computer applications used in the community.</li></ul>	Teacher will guide students to:  Compare the OPAC and ACCESS PA software and understand their basic functions including: <ul style="list-style-type: none"><li>• title search</li><li>• author search</li><li>• call number search</li><li>• subject search</li><li>• keyword search</li></ul>	Teacher evaluation of:  Student worksheets  Student use of OPAC and ACCESS PA software	District supplied library resources  Computer lab  Worksheets
<b>Information Lit Standard 1.1.5</b> Evaluate information found in selected sources on the basis of accuracy, validity, and appropriateness for needs, importance, and social and cultural context.	Teacher will guide students to:  Select appropriate internet resources for utilization during research.	Teacher evaluation of:  Student worksheets  Student participation in class discussion and activity	Worksheets  District supplied library resources  Librarian generated resources  Computer lab

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 2:** Technology

**MAJOR OBJECTIVE:** Utilize current technology to provide efficient access to and effective communication of information

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>Information Lit Standard 1.1.8</b> Demonstrate mastery of technology tools for accessing information and pursuing inquiry.	Teacher will guide students to:  Correlate appropriate on-line sources: <ul style="list-style-type: none"><li>• World Book Online</li><li>• SIRS Researcher</li><li>• Facts on File Databases</li><li>• ACCESS PA Database</li><li>• Bookmarked web sites located on the library homepage.</li><li>• Use a search engine (such as Google) and use keywords to perform an internet search.</li><li>• Utilizing the Power Library databases when appropriate.</li><li>• Discussing the differences between database searching vs. online searching</li></ul>	Teacher evaluation of:  Student worksheets  Student participation in class discussion/activity	Worksheets  Internet  Computer Lab  Various databases  Online encyclopedia

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 3:** Resource utilization

**MAJOR OBJECTIVE:** Provide students with skills to properly access appropriate, accurate, and current resources in all formats

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<p><b>PA Standard 1.8.8.B</b> Locate information using appropriate sources and strategies.</p> <ul style="list-style-type: none"><li>• Determine valid resources for researching the topic, including primary and secondary sources.</li><li>• Evaluate the importance and quality of the sources.</li><li>• Select essential sources (e.g., dictionaries, encyclopedias, other reference materials, interviews, observations, computer databases).</li></ul>	<p>Teacher will guide students to:</p> <p>Select the Power Library database to locate specific information on a topic of the student's selection</p>	<p>Teacher evaluation of:</p> <p>Student participation</p> <p>Utilization of Power Library throughout the year</p>	<p>Library computer lab</p> <p>Databases</p>
<p><b>PA Standard 1.2.8A</b> Read and understand essential content of informational texts and documents in all academic areas.</p>	<p>Teacher will guide students to:</p> <p>Point out general and specialized reference materials (both print and nonprint) that pertain to the topic.</p> <ul style="list-style-type: none"><li>• Encyclopedias</li><li>• Biographical sources</li><li>• Specialized references (authors, literary or historical periods, etc.)</li></ul>	<p>Teacher evaluation of:</p> <p>Worksheets</p> <p>Student participation in discussion and activities</p>	<p>District supplied library resources</p> <p>Worksheets</p>

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 3:** Resource utilization

**MAJOR OBJECTIVE:** Provide students with skills to properly access appropriate, accurate, and current resources in all formats

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>Information Lit Standard 1.1.4</b> Find, evaluate, and select appropriate sources to answer questions.	Teacher will guide students to:  Survey different types of available databases and their proper citation within the research project	Teacher evaluation of:  Monthly database statistics  Monthly circulation statistics	District supplied library resources  Librarian generated resources
<b>Information Lit Standard 2.1.2</b> Organize knowledge so that it is useful.	Teacher will guide students to:  Explain the various resources obtained by: <ul style="list-style-type: none"><li>• fact or opinion</li><li>• primary or secondary</li><li>• statistical</li><li>• background/overview</li></ul>	Teacher evaluation of:  Student worksheets  Student participation in discussions	District supplied library resources  Nonfiction section of library  Worksheets  Librarian generated resources

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 4:** Literature

**MAJOR OBJECTIVE:** Exposure to and appreciation of appropriate literature for both personal interest and learning purposes

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<p><b>PA Standard 1.6.8B</b> Listen to selections of literature (fiction and/or nonfiction).</p> <ul style="list-style-type: none"><li>• Predict content/events.</li><li>• Identify and define new words and concepts.</li><li>• Analyze the selections.</li></ul>	<p>Teacher will guide students to:</p> <p>Analyze various award-winning literature by listening to a selection and participating in class discussion.</p>	<p>Teacher evaluation of:</p> <p>Class discussion on the selection of literature.</p>	<p>Various award- winning books</p> <p>Teacher-recommended books</p>
<p><b>PA Standard 1.6.8D</b> Contribute to discussions.</p> <ul style="list-style-type: none"><li>• Ask relevant, probing questions.</li><li>• Respond with relevant information, ideas or reasons in support of opinions expressed.</li><li>• Listen to and acknowledge the contributions of others.</li></ul>	<p>Teacher will guide students to:</p> <p>Examine various award-winning literature by listening to a selection and participating in class discussion.</p>	<p>Teacher evaluation of:</p> <p>Class discussion on the selection of literature.</p>	<p>Various award- winning books</p> <p>Teacher-recommended books</p>
<p><b>PA Standard 1.3.8F</b> Read and respond to nonfiction and fiction including poetry and drama.</p>	<p>Teacher will guide students to:</p> <p>Proofread short selections of fiction to determine genre including but are not limited to:</p> <ul style="list-style-type: none"><li>• historical fiction</li><li>• science fiction</li><li>• realistic fiction</li><li>• fantasy</li><li>• mystery</li></ul>	<p>Teacher evaluation of:</p> <p>Student group activity</p>	<p>A variety of fiction books to include multiple genres</p>

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 5:** Independent learning skills

**MAJOR OBJECTIVE:** Derive meaning from information presented creatively in a variety of formats

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>Information Lit Standard 2.1.1</b> Continue an inquiry-based process by applying critical thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge in order to construct new understandings, draw conclusions, and create new knowledge.	Teacher will guide students to:  Outline a search topic.  Use teacher or student generated Questions.  Select appropriate resources for research process	Teacher evaluation of:  Student research process  Rubric specified to project  Student participation in class discussions and activities	District supplied library resources  Internet resources  Print resources  Librarian or teacher generated resources  Library web page  Power Library database
<b>Information Lit Standard 1.3.1</b> Respect copyright/intellectual property rights of creators and producers.	Teacher will guide students to:  Focus on ethical behavior and encourage students to respect the intellectual property rights of others by discussing the terms plagiarism, bibliography, and copyright.	Teacher evaluation of:  Student participation in class discussion/activity  Students' final resource listing for individual projects	District supplied library resources
<b>Information Lit Standard 1.3.3</b> Follow ethical and legal guidelines in gathering and using information.	Teacher will guide students to:  Order paper according to MLA guidelines. Librarian may review margin set-up, heading, etc.	Teacher evaluation of:  Student formatted papers  Websites utilized in final projects	Computer lab and printer  District supplied resources

**CONTENT:** Grade 10 Library Science

**CORE CONCEPT 5:** Independent learning skills

**MAJOR OBJECTIVE:** Derive meaning from information presented creatively in a variety of formats

<b>CURRICULUM STANDARD:</b>			
State Standard/Student Expectation	Specific Content	Assessments	Resources/Materials
<b>Information Lit Standard 3.1.2</b> Participate and collaborate as members of a social and intellectual network of learners.	Teacher will guide students to:  Select participation in a voluntary book club which will include: <ul style="list-style-type: none"><li>• book selection</li><li>• independent reading</li><li>• discussion of plot</li><li>• discussion of character</li><li>• discussion of setting</li><li>• discussion of genre</li></ul> Volunteer the sharing of appropriate websites to add to the library resources page	Teacher evaluation of:  Student observation  Student participation in discussions  Student completion of assignment	Classroom set of fiction books

**V. EXPECTED LEVELS OF ACHIEVEMENT**

1. Students will work quietly in the library.
2. Students will follow all sign out procedures.
3. Students will use print materials effectively.
4. Students will use electronic resources responsibly.
5. Students will successfully complete required research assignments.
6. Students will choose appropriate materials for recreational reading.