

Big 6 Research Method and Associated Skills

The information literate student:

 <p>1 task definition</p>	<p>1.1. Define the problem</p> <p>1.2 Identify the information requirements</p>	<p>Understands how to analyze and question the nature of a problem.</p> <p>Discerns areas that need clarification.</p> <p>Thinks creatively regarding areas of investigation.</p> <p>Sets scope of investigation appropriately.</p> <p>Generates key content questions for the investigation.</p> <p>Understands and can list information formats appropriate to area of investigation.</p>
 <p>2 information seeking strategies</p>	<p>2.1 Determine kinds of sources</p> <p>2.2 Prioritize sources</p>	<p>Understands and can list possible sources of information appropriate to the investigation.</p> <p>Understands the difference between Internet sites and databases.</p> <p>Understands the pro's and cons of various information sources, and can prioritize effectively.</p>
 <p>3 location and access</p>	<p>3.1 Locate actual resources</p> <p>3.2 Locate information</p>	<p>Understands how to search the library catalog and retrieve physical objects such as books, as well as electronic items.</p> <p>Understands the reason to use a book source.</p> <p>Understands the purpose of an encyclopedia.</p> <p>Understands how to choose an appropriate database.</p> <p>Understands how to access, navigate, and successfully search a database.</p> <p>Understands how to use the email function of a database to email results to self.</p> <p>Understands when the Internet is an appropriate choice.</p> <p>Understands how search engines and directories differ, and when and how to use each one.</p> <p>Understands Boolean, phrase, proximity, and other advanced searching strategies for both databases and web.</p>

	<p>4.1 Engage (read, view, interview)</p> <p>4.2 Extract (make notes)</p>	<p>Skims for the main idea when first researching.</p> <p>Looks for key ideas, facts, quotes.</p> <p>Appropriately decides to invest in slower, more in-depth reading; understands the necessity to do so.</p> <p>Understands the difference between fact and opinion.</p> <p>Understands how to authenticate information taken from the web by verifying credentials, and the importance of this step.</p> <p>Uses footnotes and other bibliographic tools to find more information.</p> <p>Uses appropriate technology to facilitate note-taking.</p> <p>Understands the concept of plagiarism, and understands the penalties for infractions.</p> <p>Understands and follows copyright rules; uses information in an ethical manner.</p> <p>Understands the purpose of citation, the various citation forms and how to use them; can produce citations with or without a citation generator.</p>
	<p>5.1 Organize information</p> <p>5.2 Present information</p>	<p>Understands how to prioritize the information found.</p> <p>Understands how to integrate his own analysis within the presentation.</p> <p>Has a comprehensive knowledge of different effective presentation tools.</p> <p>Decides appropriately on the use of a presentation tool.</p> <p>Uses standard conventions of spelling and grammar as needed in presentations.</p> <p>Proficient in proofreading own work; understands the necessity to do so.</p>
	<p>6.1 Judge the product</p> <p>6.2 Judge the process</p>	<p>Critically examines the quality of work.</p> <p>Analyzes own strengths and weaknesses prior to handing off work.</p>