

BIG 6 –THE RESEARCH CYCLE

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1. Task Definition Define the Problem Identify the information Requirements of the Problem Categorize & list questions	2. Information Seeking Strategies Determine the Range of Possible Sources Make a schedule & plan	3. Location and Access Locate & Evaluate the Sources Finding Information Within the Sources	4. Use of Information Extracting & Using Information from a Source	5. Synthesis Organizing Information from Multiple Sources Presenting Information	6. Evaluation Judging the Product Judging the Information Problem Solving Process
HOW TO USE THESE RESOURCES AS STRATEGIES ARE BEST					
<p>Read relevant background Information.</p> <p>Write a statement or question that clearly identifies the information problem.</p> <p>Identify and define key words.</p> <p>Create a concept map of the key words.</p> <p>List tasks in order and create a schedule for accomplishing them.</p>	<p>Select the resources on your list that will give the best information for the assignment.</p> <p>Develop a priority listing of these selected resources based on importance to the assignment and their availability.</p> <p>Use the FCSC library home page, local public library, & state resources.</p>	<p>Identify the sources in your classroom and home environments (i.e. textbooks, magazines, encyclopedias, Internet). Find additional sources in the school or public libraries.</p> <p>Use the Table of Contents, Glossary, and Index to locate specific information within each source.</p> <p>Browse the shelves for your topic's location number to locate other source on your topic.</p> <p>Conduct subject and word searches and use the, site map, and navigation bars and tabs to locate the specific information you need.</p> <p>Evaluate the information for reliability and usefulness.</p>	<p>Read, hear, or view the information in a source.</p> <p>Identify the main ideas, key words, dates, names, etc. that will be important for note-taking.</p> <p>Photocopy/Highlight note-taking method can be used.</p> <p>When using other types of materials like audio tapes and videotapes, listen to or watch the whole presentation first. Next, listen to or view the presentation again, stopping to write down important information.</p> <p>For electronic sources of information, download appropriate files.</p> <p>Write down bibliographic information for the sources you use.</p>	<p>Put note cards (from multiple sources) in logical order.</p> <p>Develop an outline (storyboard, script, etc.) for the topic.</p> <p>Write a bibliography and include it in your project.</p>	<p>Decide whether or not the assignment is fully completed. Check the rubric or assignment checklist.</p> <p>Decide if the project meets the criteria set up for the assignment.</p> <p>Determine whether the information need as originally defined is met.</p> <p>State what you would do differently next time.</p>